

CURRICULUM VITAE  
**Jan Marie Eberth, PhD, FACE**

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Present Title and Affiliation: Associate Professor (with tenure)  
Department of Epidemiology and Biostatistics  
Director, Rural and Minority Health Research Center  
Arnold School of Public Health  
University of South Carolina

Contact information: SC Cancer Prevention & Control Program  
915 Greene St., Room 234  
Columbia, SC 29208  
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Websites: <http://rmhr.sc.edu>  
[http://www.sph.sc.edu/epid\\_bios/facultystaffdetails.php?ID=889](http://www.sph.sc.edu/epid_bios/facultystaffdetails.php?ID=889)  
[https://www.researchgate.net/profile/Jan\\_Eberth/](https://www.researchgate.net/profile/Jan_Eberth/)  
<https://twitter.com/jmeberth>

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**EDUCATION**

Ph.D. University of Texas Health Science Center, School of Public Health  
Epidemiology, May 2011  
Minors: Biostatistics, Health Promotion and Behavioral Sciences  
Dissertation Advisor: Sally W. Vernon

Predocctoral Fellow, Cancer Education and Career Development Program,  
National Cancer Institute (2R25/CA57712), May 2007 – January 2011

M.S.P.H Texas A&M Health Science Center, School of Rural Public Health  
Epidemiology, December 2006  
Thesis Advisor: Antonio A. Rene

B.S. Clemson University – Clemson, SC  
Health Sciences, December 2004

**POSTGRADUATE**

Postdoctoral Fellow University of Texas MD Anderson Cancer Center  
Division of Quantitative Sciences  
Department of Biostatistics – Houston, TX  
Mentors: Linda Elting, Md Monir Hossain, Karl Eschbach, Jeffrey Morris

Postdoctoral Fellow, Cancer Prevention Training Program, National Cancer  
Institute (5R25/CA057730), January 2011 – December 2012

## CERTIFICATIONS

Fellow of the American College of Epidemiology (FACE), May 2018-Present

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## EMPLOYMENT AND ACADEMIC APPOINTMENTS

January 2018-  
Present Associate Professor of Epidemiology (with tenure)  
Department of Epidemiology and Biostatistics  
Arnold School of Public Health  
University of South Carolina – Columbia, SC

Director – Rural and Minority Health Research Center  
Arnold School of Public Health (September 2018-Present)

Core Faculty - SC Cancer Prevention and Control Program  
Arnold School of Public Health (January 2013-Present)

July 2015-  
August 2018 Deputy Director – SC Rural Health Research Center  
Arnold School of Public Health  
University of South Carolina – Columbia, SC

January 2013-  
December 2017 Assistant Professor of Epidemiology  
Department of Epidemiology and Biostatistics  
Arnold School of Public Health  
University of South Carolina – Columbia, SC

May 2013 -  
Present Associate Member, College of Graduate Studies  
Medical University of South Carolina – Charleston, SC

January 2011 –  
December 2012 Cancer Prevention Postdoctoral Fellow  
Health Services Research Section,  
Department of Biostatistics,  
Division of Quantitative Sciences,  
University of Texas MD Anderson Cancer Center – Houston, TX

May 2007 –  
January 2011 Cancer Prevention and Control Predoctoral Fellow  
Center for Health Promotion and Prevention Research,  
School of Public Health,  
University of Texas Health Science Center – Houston, TX

March 2008 –  
July 2010 Research Assistant I  
Department of Family and Community Medicine,  
Baylor College of Medicine – Houston, TX

January 2007 –  
April 2007 Staff Analyst  
Office of Surveillance and Public Health Preparedness,  
Houston Department of Health and Human Services – Houston, TX

January 2007 – Graduate Teaching Assistant  
May 2007 Course: *Introduction to Epidemiology*  
Division of Epidemiology & Disease Control,  
School of Public Health at Houston,  
University of Texas Health Science Center

September 2006 – Graduate Assistant  
December 2006 Course: *Race, Ethnicity & Health*  
Office of Health Informatics,  
Department of Health and Kinesiology,  
Texas A&M University – College Station, TX

September 2005 – Graduate Research Assistant  
September 2006 Center for the Study of Health Disparities,  
Department of Health and Kinesiology,  
Texas A&M University – College Station, TX

November 2003 – Medical Assistant & Research Intern  
December 2004 Joseph F. Sullivan Center,  
Clemson University – Clemson, SC

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## RESEARCH

### *Grants and Contracts*

#### *Current/Approved Research Support:*

##### **Rural Border Health Chartbook: An Update**

Source: National Rural Health Association

Period: 3/1/21-12/31/21

Role: PI

Total Costs: \$175,000

##### **DHEC SARS-CoV02 Antibody Statewide Surveillance**

Source: SC Department of Health and Environmental Control

Period: 8/21/20-9/20/21

Role: Co-I

Total Costs: \$1,099,251

##### **1R21CA234295-01A1**

##### **Integrated Data Analysis of Determinants of Low-Dose CT Screening for Lung Cancer**

Source: National Cancer Institute

Period: 9/9/2020-8/31/2022

Role: PI

Total Costs: \$314,193

##### **5U19DD001218**

**Coordinating Center for Research to Promote the Health of Children with Birth Defects and People with Developmental and Other Disabilities**  
**Subproject Title: Modeling Small area Estimates of Indicators of Children's Mental Health**

Source: Centers for Disease Control and Prevention  
Period: 9/30/2020 – 9/29/2022  
Role: Subproject MPI (PI: Bo Cai)  
Subproject Costs: \$300,000

**2U1CRH30539-05**

**Rural Health Research Grant Program Cooperative Agreement**

Source: HRSA Federal Office of Rural Health Policy  
Period: 9/1/20-8/31/24 (renewed annually)  
Role: PI (Director)  
Total Costs: \$2,800,000

**6U48DP006401-01-01 (SIP 19-005)**

**South Carolina Cancer Prevention and Control Research Network: Partner-Engaged and Evidence Based Multilevel Implementation**

Source: Centers for Disease Control and Prevention  
Period: 9/1/19-8/31/23  
Role: Co-I (PI: Daniela Friedman)  
Total Costs: \$1,499,971

**Planning for Implementation of Evidence-Based Cancer Screening Practices in Rural Health Clinics**

Source: SC Center for Rural and Primary Healthcare  
Period: 9/1/2019-12/31/21  
Role: PI  
Total Costs: \$198,000

**Identifying predictors of racial disparity in treatment and mortality among patients diagnosed with breast cancer in South Carolina and geospatial investigation of breast cancer patient navigation**

Source: National Cancer Institute (F99/K00)  
Period: 9/20/2017-8/31/2023  
Role: Co-I (Secondary Mentor to Dr. Babatunde Oluwole, Postdoctoral Fellow at the Medical University of South Carolina)

***Completed Research Support:***

**Big Data Health Science Center**

Source: USC Office of the Vice President for Research/Provost Office (Excellence Initiative Project)  
Period: 9/1/20-8/31/21 (Year 2)  
Role: Co-I (PI: Xiaoming Li) and Geospatial Core Lead (Eberth)  
Geospatial Core Total Costs: \$33,865

**MRS-15-148-01-CPHPS**

**Access and Utilization of Colonoscopy: A Spatial Perspective**

Source: American Cancer Society Mentored Research Scholar Grant  
Period: 1/1/16 – 6/30/21  
Role: PI  
Total Costs: \$579,000

**Rural Health Research Grant Program Cooperative Agreement**

Source: HRSA Federal Office of Rural Health Policy  
Period: 9/1/19-8/31/20  
Role: PI (Director)  
Total Costs: \$545,370

**Big Data Health Science Center**

Source: USC Office of the Vice President for Research/Provost Office (Excellence Initiative Project)  
Period: 5/1/2019-8/15/2020  
Role: Co-I (PI: Xiaoming Li) and Geospatial Core Lead  
Geospatial Core Total Costs: \$35,000

**Implementation of shared decision making for lung cancer screening: a pilot study**

Source: USC VPR (ASPIRE)  
Period: 7/1/2018-6/30/20  
Role: PI  
Total Costs: \$15,000

**Measuring breast cancer treatment quality at COC-accredited facilities in the U.S.**

Source: Greenville Hospital System Care Coordination Institute Seed Grant  
Period: 5/1/2018-4/30/2020  
Role: PI  
Total Costs: \$18,500

**Rural Health Research Grant Program Cooperative Agreement**

Source: HRSA Federal Office of Rural Health Policy  
Period: 9/1/18-8/31/19  
Role: PI (Director)  
Total Costs: \$700,000

**Leveraging Mammography to Increase Awareness of Lung Cancer Screening**

Source: American College of Radiology Harvey L. Neiman Health Policy Institute  
Period: 1/1/2017-1/12/19  
Role: PI  
Total Costs: \$25,000

**Promoting Healthy Weight in Pregnancy and Postpartum among Overweight/Obese Women (Diversity Supplement for Alycia Boutte)**

Source: National Institute of Child Health & Human Development  
Period: 1/1/2017-12/31/2018  
Role: Co-Investigator  
Total Costs: \$64,822

**Rural Health Research Grant Program Cooperative Agreement**

Source: HRSA Federal Office of Rural Health Policy  
Period: 9/1/17-8/31/18  
Role: Co-PI (Deputy Director)  
Total Costs: \$573,000

**Lung Cancer Screening in the Post-NLST Era: Physician Perceptions and Screening Practices**

Source: American Cancer Society Institutional Research Grant  
Period: 3/1/16-12/31/17  
Role: PI  
Total Costs: \$29,988

**Rural Health Research Grant Program Cooperative Agreement**

Source: HRSA Federal Office of Rural Health Policy  
Period: 9/1/16-8/31/17  
Role: Co-PI (Deputy Director)  
Total Costs: \$214,420

**Advancing Quality Lung Cancer Survivorship in South Carolina**

Source: Bristol Myers Squibb Foundation  
Period: 1/1/17-12/31/19  
Role: Co-I (supported 1/1/17-8/31/17)  
Total Direct Costs: \$750,000

**When Cancer is Identified after Trauma: What are the Outcomes?**

Source: Health Sciences South Carolina  
Period: 6/15/14-6/30/17  
Role: Co-I (PI: Nathaniel Bell)  
Total Direct Costs: \$9,995

**Deficiencies and Determinants of Patient Knowledge about Adjuvant Breast Radiation Therapy**

Source: USC Office of the Vice President for Research  
Period: 5/16/14-12/31/16  
Role: PI  
Total Direct Costs: \$14,899

**Lung Cancer Screening in the Post-NLST Era: Primary Care Nurse Practitioner Perceptions and Screening Practices**

Source: USC College of Nursing Preparatory Research Work Grant  
Period: 6/1/16-6/1/17  
Role: Co-I  
Total Costs: \$10,000

**2014 Adult Tobacco Survey (PI on sub-project: “Development of Smoking Estimates for South Carolina Using Weighted, Multilevel Prediction Models”)**

Source: CDC/SC DHEC Contract  
Period: 9/26/14-10/1/16  
Role: Co-PI (PI on sub-project)  
Total Direct Costs: \$491,126 (sub-project costs: \$93,569)

**Geospatial Investigation of Breast Cancer Treatment**

Source: NCI/NINR (R15)  
Period: 9/2014-8/2016  
Role: Co-I  
Total Costs: \$424,357

**Rural Health Research Grant Program Cooperative Agreement (Subproject PI: “Potential Impact of End Stage Renal Disease Payment Reform on Rural Dialysis Patients”)**

Source: HRSA Federal Office of Rural Health Policy  
Period: 9/1/15-8/31/16  
Role: Co-I  
Total Direct Costs: \$660,000

**A Dissemination Project to Advance Lung Cancer Screening in South Carolina (Non-Competitive Renewal)**

Source: South Carolina Cancer Alliance  
Period: 7/1/15-6/30/16  
Role: PI  
Total Direct Costs: \$10,000

**Rural Health Research Grant Program Cooperative Agreement (Subproject PI: “Colorectal Cancer Screening Bypass Behaviors and Outcomes”)**

Source: HRSA Federal Office of Rural Health Policy  
Period: 9/1/14-8/15/15  
Role: Co-I  
Total Costs: \$765,547

**A Dissemination Project to Advance Lung Cancer Screening in South Carolina**

Source: South Carolina Cancer Alliance  
Period: 7/15/14-6/15/15  
Role: PI  
Total Direct Costs: \$43,537

**Organizational Census and Market Analysis of Priority Areas for the Blue Cross and Blue Shield of South Carolina Foundation**

Source: Blue Cross Blue Shield of South Carolina Foundation  
Period: 7/1/2013-9/31/2014  
Role: Co-I  
Total Direct Costs: \$152,200

**Center for Colon Cancer Research (Pilot Project PI: “Colorectal Cancer Screening Registry”)**

Source: National Institute of General Medical Sciences (NIGMS/NIH)  
Period: 9/10/13-7/31/14  
Role: PI  
Total Costs: \$72,500

**Identifying and Updating Public Health Impacts and Hazard Probabilities for Public Health and Medical Preparedness-Phase IIIA**

Source: Florida Department of Health/CDC  
Period: 10/14/13-6/30/2014  
Role: Co-PI  
Total Costs: \$32,908

**Identifying and Updating Public Health Impacts and Hazard Probabilities for Public Health and Medical Preparedness-Phase IIIB**

Source: Florida Department of Health/CDC  
Period: 10/14/13-6/30/2014  
Role: Co-PI  
Total Costs: \$54,692

**Showing Up for Mammography: A Project to Understand and Improve Adherence to Mobile Mammography Appointments**

Source: Susan G. Komen Lowcountry Affiliate  
Period: 9/1/2013-5/15/2014  
Role: PI  
Total Direct Costs: \$9,904

**Geographic Disparities in Mammography Capacity**

Source: NIH Loan Repayment Program, Health Disparities Research  
Period: 7/1/2012-6/30/2014  
Role: PI  
Total Amount: \$10,226

**A Small Area Analysis of Mammography Capacity in the Southern United States: Recommendations for Strategic Resource Allocation and Policymaking**

Source: MD Anderson Cancer Prevention Research Training Program (R25CA57730)  
Period: January 2011-December 2013

Role: Postdoctoral Fellow

**HPV Vaccine Coverage in Texas Counties: An Application of Multilevel, Small Area Estimation**

Source: University of Texas School of Public Health Cancer Education and Career Development Program (R25CA057712)

Period: May 2007-January 2011

Role: Predoctoral Fellow

**PUBLICATIONS**

\* Indicates a student or postdoctoral author

+ Indicates that I served as senior and/or corresponding author

*Original Research Articles (Chronological)*

1. **McCallum JM.**, Arekere D, Green BL, Katz RV, Rivers D. Awareness and knowledge of the US Public Health Service Syphilis Study at Tuskegee: implications for biomedical research. *Journal of Health Care for the Poor and Underserved*. 2006 Nov;17(4):716-33. DOI: 10.1353/hpu.2006.0130.
2. Katz RV, Green BL, Kressin NR, Kegeles SS, Wang MQ, James SA, Russell SL, Claudio C, **McCallum JM.** The legacy of the Tuskegee Syphilis Study: its impact on willingness to participate in biomedical studies. *Journal of Health Care for the Poor and Underserved*. 2008 Nov;19(4):1168-1180. DOI: 10.1353/hpu.0.0067.
3. **Eberth JM**, Vernon SW, White A, Abotchie PN, Coan SP. Accuracy of self-reported reason for colorectal cancer testing. *Cancer Epidemiology, Biomarkers and Prevention*. 2010 Jan;19(1):196-200. DOI:10.1158/1055-9965.EPI-09-0335.
4. **Eberth JM**, Huber JC, Rene A. Breast cancer screening practices and its correlates among American Indian and Alaska Native women in California, 2003. *Women's Health Issues*. 2010 March/April; 20(2):139-145. DOI:10.1016/j.whi.2009.12.004.
5. Vernon SW, Abotchie PN, McQueen A, White A, **Eberth JM**, Coan SP. Is the accuracy of self-reported colorectal cancer screening associated with social desirability? *Cancer Epidemiology, Biomarkers and Prevention*. 2012 Jan; 21(1):61-5. DOI: 10.1158/1055-9965.EPI-11-0552.
6. Rochon D, **Eberth JM**, Fraenkel L, Volk RJ, Whitney SN. Elderly patients' experiences using adaptive conjoint analysis software as a decision aid for osteoarthritis of the knee. *Health Expectations*. 2012 Sep (Published online first). DOI:10.1111/j.1369-7625.2012.00811.X.
7. White A, Vernon SW, **Eberth JM**, Abotchie P, Tiro JA, Greisinger A, Coan SP, Vojvodic R. Correlates of self-reported colorectal cancer screening validity in a multispecialty medical group practice. *Open Journal of Epidemiology*. 2013 Feb; 3:20-24. DOI:10.4236/ojepi.2013.31004.
8. **Eberth JM**, Hossain Md M, Tiro JA, Zhang X, Holt J, Vernon SW. Human papillomavirus vaccine coverage among females aged 11 to 17 in Texas counties: an application of multilevel, small area estimation. *Women's Health Issues*. 2013 Mar; 23(2):e131-141. DOI: 10.1016/j.whi.2012.12.005.

9. **Eberth JM**, Zhang X, Hossain Md M, Tiro JA, Holt JB, Vernon SW. County-level estimates of human papillomavirus vaccine coverage among young adult women in Texas, 2008. *Texas Public Health Journal*. Winter 2013; 65(1):37-40.
10. **Eberth JM**, Prarelkar P\*, Nguyen HT, Sun CC, Irvine-Vidrine J, Elting LS. The human and economic burden of cervical cancer in Texas: epidemiology and the survivorship experience. *Texas Public Health Journal*. Spring 2013; 65(2):51-55.
11. **Eberth JM**, Eschbach K, Morris JS, Hossain Md M, Nguyen HT, Elting LS. Geographic disparities in mammography capacity: a longitudinal assessment of supply and demand. *Health Services Research*. 2014 Feb; 49(1):171-85. DOI: 10.1111/1475-6773.12081.
12. **Eberth JM**, Kline K, Moskowitz D, Montealegre J, Scheurer M. The role of media and the Internet on vaccine adverse event reporting: a case study of human papillomavirus vaccination. *Journal of Adolescent Health*. 2014 Mar;54(3):289-95. DOI: 10.1016/j.jadohealth.2013.09.005.
13. Salloum RG, Nakkash RT, Myers AE, **Eberth JM**, Wood KA. Surveillance of tobacco retail density in Beirut, Lebanon using electronic tablet technology. *Tobacco Induced Diseases*. 2014;12(1):3. DOI: 10.1186/1617-9625-12-3.
14. **Eberth JM**, Xu Y, Smith GL, Jiang J, Buchholz T, Hunt KK, Black DS, Giordano SH, Whitman GH, Yang W, Shen C, Elting LS, Smith BD. Surgeon influence on use of needle biopsy in breast cancer patients: A national Medicare study. *Journal of Clinical Oncology*. 2014;32(21):2206-16. DOI: 10.1200/JCO.2013.52.8257.
15. **Eberth JM**, Qiu R\*, Adams SA, Salloum RG, Bell N, Arrington AK, Linder SK, Munden RF. Lung cancer screening using low-dose CT: the current national landscape. *Lung Cancer*. 2014;85(3): 379-384. DOI: 10.1016/j.lungcan.2014.07.002
16. Wirth M, Brandt HM, Dolinger HD, Hardin JW, **Eberth JM**, Sharpe PA. Examining connections between screening for breast, cervical, or prostate cancer and colorectal cancer screening. *Colorectal Cancer*. 2014;3(3):253-263. DOI: 10.2217/crc.14.18
17. **Eberth JM**, Qiu R\*, Linder SK, Gallant N\*, Munden RF. Adoption of low-dose computed tomography for lung cancer screening: a survey of Society of Thoracic Radiology Members, 2013. *Journal of Thoracic Imaging*. 2014;29(5):289-292. DOI: 10.1097/RTI.0000000000000105.
18. Austin MT, Hguyen H, **Eberth JM**, Chang Y, Heczey A, Hughes DP, Lally KP, Elting LS. Health disparities are important determinants of outcome for children with solid tumor malignancies. *Journal of Pediatric Surgery*. 2015;50(1):161-166. DOI: 10.1016/j.jpedsurg.2014.10.037
19. Adams S, Choi SK\*, Khang L, Campbell D, Friedman D, **Eberth JM**, Glasgow RE, Tucker-Seeley R, Xirasagar S, Yip MP, Young VM, Hébert JR. Decreased cancer mortality-to-incidence ratios with increased accessibility of Federally Qualified Health Centers. *Journal of Community Health*. 2015;40(4):633-41. DOI: 10.1007/s10900-014-9978-8. PMCID: PMC4490935.
20. Browder C\*, **Eberth JM**<sup>+</sup>, Schooley B, Gallant NR\*. Mobile mammography: an evaluation of organizational, process, and information systems challenges. *Healthcare: The Journal of Delivery Science and Innovation*. 2015;3(1):49-55. DOI: 10.1016/j.hjdsi.2014.12.001
21. Schootman M, Toor A, Cavazos-Rehg P, Jeffe DB, McQueen A, **Eberth JM**, Davidson NO. The utility of Google Trends data to examine interest in cancer screening. *BMJ Open*. 2015;5:e006678. DOI: 10.1136/bmjopen-2014-006678. PMCID: PMC446617.

22. Khan-Gates J\*, Ersek J\*, **Eberth JM**<sup>+</sup>, Adams SA. Geographic access to mammography and its relationship to breast cancer screening and stage at diagnosis: a review. *Women's Health Issues*. 2015;25(5):482-93. DOI: 10.1016/j.whi.2015.05010.
23. Adams SA, Choi SK\*, **Eberth JM**, Friedman D, Yip MP, Tucker-Seeley R, Wigfall L, Hébert J. Is availability of mammography services at Federally Qualified Health Centers associated with breast cancer mortality-to-incidence ratios? An ecological analysis. *Journal of Women's Health*. 2015; 24(11):916-923. DOI: 10.1089/jwh.2014.5114.
24. Onicescu G\*, Lawson AB, Zhang J, Gebregziabher M, Wallace K and **Eberth JM**. Bayesian accelerated failure time model for space-time dependency in a geographically augmented survival model. *Stat Methods Med Res*. Published online on July 28, 2015. DOI: 10.177/0962280215596186.
25. Choi SK\*, Adams SA, **Eberth JM**, Brandt HM, Friedman DB, Yip MP, Hébert JR. Medicaid coverage expansion and cancer disparities. *American Journal of Public Health*. 2015;105(S5):S706-S712. DOI: 10.2105/AJPH.2015.302876. PMCID: PMC4627517.
26. Pruitt SL, **Eberth JM**, Morris SE, Grinsfelder BD, Guate E. Rural-urban differences in late-stage breast cancer: do associations differ by rural-urban classification system? *Texas Public Health Journal*. 2015;67(2):19-27. PMCID: 4857198.
27. Alhasan D\*, **Eberth JM**<sup>+</sup>. An ecological analysis of food outlet density and prevalence of type II diabetes in South Carolina counties. *BMC Public Health*. 2016;16(1):10. DOI: 10.1186/s12889-015-2681-6.
28. Samson ME\*, Porter NG\*, Hurley DM, Adams SA, **Eberth JM**<sup>+</sup>. Disparities in breast cancer among African Americans and European-American women in South Carolina. *Southern Medical Journal*. 2016;109(1):24-30. DOI: 10.14423/SMJ.0000000000000396.
29. Qiu RA\*, Copeland A, Porter N\*, McDonnell K, **Eberth JM**<sup>+</sup>. Planning and implementation of low-dose CT lung cancer screening in the United States. *Clinical Journal of Oncology Nursing*. 2016;20(1):52-58. DOI: 10.1188/16.CJON.52-58.
30. Porter NR\*, **Eberth JM**<sup>+</sup>, Samson ME\*, Garcia-Dominic O, Lengerich E, Schootman M. Diabetes status and being up-to-date on colorectal cancer screening, 2012 Behavioral Risk Factor Surveillance System. *Preventing Chronic Disease*. 2016;13:150391. DOI: 10.5888/pcd13.150391
31. Ersek J\*, McDonnell KK, Strayer S, Sercy E, Cartmell K, Friedman D, **Eberth JM**<sup>+</sup>. Knowledge, attitudes and use of low-dose computed tomography for lung cancer screening among family practice physicians. *Cancer*. 2016;12:E108. DOI: 10.5888/pcd12.150112.
32. Babatunde OA\*, Adams SA, **Eberth JM**, Wirth MD, Hebert JR. Racial disparities in endometrial cancer mortality-to-incidence ratios among blacks and whites in South Carolina. *Cancer Causes & Control*. 2016;27(4):503-11. DOI: 10.1007/s10552-0160724-7.
33. Lin YH\*, **Eberth JM**<sup>+</sup>, Probst JC. Ambulatory care sensitive conditions hospitalizations in Medicare beneficiaries. *American Journal of Preventive Medicine*. 2016; 51(4): 493-501. DOI: 10.1016/j.amepre.2016.05.005.
34. Austin M, Hamilton E, Zebda D, Nguyen HT, **Eberth JM**, Chang Y, Elting LS, Sandberg D. Health disparities impact outcomes in children with solid tumor malignancies. *Journal of Neurosurgery: Pediatrics*. 2016;18(5):585-593. DOI: 10.3171/2016.5.PEDS15704.
35. Hamilton E, Nguyen HT, Chang YC, **Eberth JM**, Cormier J, Elting LS, Austin MT. Health disparities influence childhood melanoma stage at diagnosis and outcome. *Journal of Pediatrics*. 2016;175:182-7. DOI: 10.1016/j.jpeds.2016.04.068.

36. Featherstone P\*, **Eberth JM**, Nitcheva D, Liu J. Geographic accessibility to health services and neonatal mortality among very-low birthweight infants in South Carolina. *Maternal and Child Health Journal*. 2016;20(11):2382-2391. DOI: 10.1007/s10995-016-2065-2.
37. Lin YU\*, McLain A, Probst JC, Bennett KJ, Qureshi Z, **Eberth JM**<sup>†</sup>. Health-related quality of life among older adults in the United States: a multilevel small area estimation approach. *Annals of Epidemiology*. 2017;27(1):52-58. DOI: 10.1016/j.annepidem.2016.09.016.
38. Bullard JT\*, **Eberth JM**, Arrington AK, Adams SA, Cheng X, Salloum RG. Timeliness of treatment initiation and associated survival following diagnosis among non-small cell lung cancer patients in South Carolina. *Southern Medical Journal*. 2017;110(2):107-113. DOI: 10.14423/SMJ.0000000000000601.
39. Flocke S, Hoffman R, **Eberth JM**, Park H, Genevieve B, Trapl E, Zeliadt S. The burden of tobacco use at federally qualified health centers. *Preventing Chronic Disease*. 2017;14:160510. DOI: 10.5888/pcd14.160510.
40. Schootman M, Hendren S, Loux T, Ratnapradipa K\*, **Eberth JM**, Davidson N. Differences in effectiveness and use of robotic surgery in patients undergoing minimally invasive colectomy. *Journal of Gastrointestinal Surgery*. 2017;21(8):1296-1303. DOI: 10.1007/s11605-017-3460-8.
41. Babatunde OA\*, Adams SA, Wirth MD, **Eberth JM**, Sofge J, Choi SK, Harmon BE, Davis L, Drayton R, Hurley TG, Brandt HM, Armstead CA, Hébert JR. Predictors of retention among African Americans in a randomized controlled trial to test the Healthy Eating and Active Living in the Spirit (HEALS) intervention. *Ethnicity and Disease*. 2017; 27(3):265-72. DOI: 10.1885/ed.27.3.265.
42. Ratnapradipa KL\*, Lian M, Jeffe DB, Davidson NO, **Eberth JM**, Pruitt SL, Schootman M. Patient, hospital, and geographic disparities in laparoscopic surgery use among SEER-Medicare colon cancer patients. *Diseases of the Colon and Rectum*. 2017;60(9):905-913. DOI:10.1097/DCR.0000000000000874.
43. Swartz A, **Eberth JM**, Josey MJ\*, Strayer S. Re-analysis of all-cause mortality in the US Preventive Services Task Force 2016 Evidence Report for colorectal cancer screening. *Annals of Internal Medicine*. 2017;167(8): 602-603. DOI:10.7326/M17-0859
44. Onicescu G\*, Lawson AB, Zhang J, Gebregziabher M, Wallace K, **Eberth JM**. Spatially-explicit survival modeling for small area cancer data. *Journal of Applied Statistics*. 2018;45(3):568-85. DOI:10.1080/02664763.2017.1288200.
45. Crouch E, Probst JC, Bennett K, **Eberth JM**. Gender and geographic differences in Medicare service utilization during the last six months of life. *Journal of Women & Aging*. 2018;30(6):541-552. DOI: 10.1080/08952841.2018.1398897.
46. Sutton J, Vos SC, Olson MK, Woods C, Cohen E, Gibson CB, Phillips N, Studts JL, **Eberth JM**<sup>†</sup>, Butts CT. Lung cancer messages on Twitter: content analysis and evaluation. *Journal of the American College of Radiology*. 2018;15(1 Pt B):210-217. DOI: 10.1016/j.jacr.2017.09.043
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#### **Editorially-Reviewed/Invited Commentaries, Letters and Editorials**

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#### **Published Reports/White Papers**

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  11. Identification of rural community with limited access to safety net healthcare providers. 2021. Rural and Minority Health Research Center Key Facts Sheet. Available at: [https://sc.edu/study/colleges\\_schools/public\\_health/research/research\\_centers/sc\\_rural\\_health\\_research\\_center/documents/keyfactssheetsafetynetfinal.pdf](https://sc.edu/study/colleges_schools/public_health/research/research_centers/sc_rural_health_research_center/documents/keyfactssheetsafetynetfinal.pdf)
  12. Changes in socioeconomic mix and health outcomes in rural counties with hospital closures, 2005-2018. Rural and Minority Health Research Center Policy Brief. Available at: [https://sc.edu/study/colleges\\_schools/public\\_health/research/research\\_centers/sc\\_rural\\_health\\_research\\_center/documents/impactsofrhc9821.pdf](https://sc.edu/study/colleges_schools/public_health/research/research_centers/sc_rural_health_research_center/documents/impactsofrhc9821.pdf)

**Published Abstracts**

1. Katz RV, Green BL, Kressin NR, Kegeles SS, Wang MQ, James SA, Russell SL, Claudio C, **McCallum JM**. The legacy of the Tuskegee Syphilis Study: its impact on willingness to participate in biomedical studies. *Annals of Epidemiology*. 2007 September;17(9):744.
2. **Eberth JM**, Vernon SW, White AL, Abotchie SP, Coan SP. Accuracy of self-reported reason for colorectal cancer testing. *Annals of Epidemiology*. 2009 September;19(9):653.
3. **Eberth JM**, Hossain Md M, Vernon SW, Tiro JA. A demonstration of multilevel, small area modeling: estimating HPV vaccine coverage in Texas counties. *Annals of Epidemiology*. 2010 September;20(9):718.
4. **Eberth JM**, Elting LS, Eschbach K, Morris JS, Mossain Md M, Hguyen HT. Access to mammography in the south: a spatial perspective. *Annals of Epidemiology*. 2012 September;22(9):662.
5. **Eberth JM**, Hibbert J. Availability of Vaccines for Children providers in Texas: a county-level analysis. *Annals of Epidemiology*. 2013 September;23(9):590.
6. Austin M, Nguyen H, **Eberth JM**, Hughes D, Heczey A, Cormier J, Elting L. Health disparities impact stage at diagnosis and outcome in children and adolescents with melanoma. *Pediatric Blood & Cancer*. 2014;61:S34.
7. **Eberth JM**, Xu Y, Smith GL, Jiang J, Buchholz T, Hunt KK, Black DS, Giordano SH, Whitman GH, Yang W, Shen C, Elting LS, Smith BD. Quality of breast cancer care in the US: a national analysis of Medicare beneficiaries, 2003-2007. *Annals of Epidemiology*. 2014 September;24(9):683.
8. Khan SS\*, **Eberth JM**<sup>+</sup>, Emrich CT. Social vulnerability and its relationship with health outcomes in South Carolina. *Annals of Epidemiology*. 2015 September;25(9): 710.
9. Ersek J\*, Adams SA, **Eberth JM**<sup>+</sup>. Travel distance to nearest hospital: a geographic analysis of colorectal, lung, and melanoma cancer cases. *Annals of Epidemiology*. 2015 September;25(9):703.
10. Caldwell R, **Eberth JM**, Thibault A, Seabrook M, Berger F. A high-quality colonoscopy screening program for the uninsured and medically underserved in South Carolina. *American Journal of Gastroenterology*. 2015;110(1S):S625.
11. Zeliadt S, Birkby G, **Eberth JM**, Hoffman R, Park H, Trapl E, Brenner A, Reuland D, Slatore CG, Flocke SA. Early implementation of lung cancer screening across federally qualified health centers (FQHCs) in the U.S. *American Journal of Respiratory and Critical Care Medicine*. 2017;195:1.
12. Babatunde OA\*, Adams SA, **Eberth JM**, Sercy E, Hébert J. Racial disparities in breast cancer diagnosis-to-treatment waiting times in South Carolina. *Cancer Epidemiology, Biomarkers and Prevention*. 2017; 26(2Supplement):C20.
13. Babatunde OA\*, Adams SA, **Eberth JM**, Sercy E, Hébert J. Racial disparities in breast cancer diagnosis-to-treatment waiting times in South Carolina. *Cancer Research*. 2017;77(4 Supplement), P5-10-03-P5-10-03.
14. Babatunde OA\*, Adams S, Felder T, **Eberth JM**, Moran R, Sercy E, Hébert J. Racial disparities in receipt of adjuvant hormonal therapy among patients diagnosed with breast cancer in South Carolina. *Cancer Research*. 2017;77(13 Supplement):4216.
15. Odahowski CL\*, Sercy E, **Eberth JM**<sup>+</sup>. Health seeking behaviors of current and former smokers: 2015 National Health Interview Survey results. *Annals of Epidemiology*. 2017;27(8):536.

16. Schootman M, Jeffe D, **Eberth JM**, Davidson NO. Tu1670 – Mediators of 30-day mortality risk following resection for nonmetastatic colon cancer or polyps among patients with diabetes. *Gastroenterology*. 2018;154(6):S-989.
17. Ersek JL\*, Symanoski JT, Kim ES, Adams SA, Hébert JR, **Eberth JM**. Factors predicting molecular testing and its impact on survival in racially diverse patients with advanced, non-small cell lung cancer: a retrospective, population-based study. *Journal of Clinical Oncology*. 2018;36(15 Supplement):e18691.
18. Ersek JL\*, Symanoski JT, Kim ES, Adams SA, Hébert JR, **Eberth JM**. Predictors of erlotinib utilization and the impact of erlotinib use on overall survival in advanced, non-small cell lung cancer. *Journal of Clinical Oncology*. 2018 (15 Supplement):e18741.
19. Liese AD, Ma X\*, Reid L\*, **Eberth JM**, Bell BA, Probst J, Turley CB, Mayer-Davis, E. Health care access, utilization, and glycemic control in youth and young adults with diabetes in South Carolina. *Diabetes*. 2018;67(Supplement 1):1253.
20. Boutte AK\*, Turner-McGrievy G, Wilcox S, Liu J, **Eberth JM**, Kaczynski A. Examining associations between baseline stress, depressive symptoms, and diet quality among diverse pregnant women. *Annals of Behavioral Medicine*. 2018;52:S43.
21. Hosking M, **Eberth JM**, Doty J, Lackey L, Ersek JL\*. Perceptions and experiences with low-dose computed tomography for lung cancer screening in a southeastern community-based health system. *Annals of Epidemiology*. 2018;28(9):658.
22. Babatunde OA\*, Adams SA, **Eberth JM**, Moran R, Sercy E, Truman S\*, Hébert JR. Racial disparities and predictors of receipt of late surgery among patients diagnosed with breast cancer in South Carolina. *Cancer Research*. 2018;78(13 Suppl):5272.
23. Boutte AK\*, Turner-McGrievy B, Wilcox S, Liu J, **Eberth JM**, Kaczynski AT. Healthy food density is associated with diet quality among racially-diverse overweight/obese pregnant women in South Carolina. *Annals of Behavioral Medicine*. 2019;53(Suppl 1):S578.
24. Babatunde OA\*, Adams SA, **Eberth JM**, Felder TM, Moran R, Truman S\*, Alvarado C\*, Hébert JR. Identifying predictors of racial disparities in mortality among Blacks and Whites diagnosed with breast cancer in South Carolina. *Cancer Research*. 2019;79(13 Suppl):4202.
25. Babatunde OA\*, Adams SA, **Eberth JM**, Zahnd WE, Felder TM, Moran R, Hébert JR. A comparison of mortality-to-incidence ratio with survival analyses in assessing racial breast cancer disparities across South Carolina counties. *Cancer Epidemiology Biomarkers and Prevention*. 2019;28(3):620.
26. Petermann VM\*, Vanderpool RC, **Eberth JM**, Rohweder C, Teal R, Stradtman L, Frost E, Trapl E, Koopman Gonzalez S, Vu T, Ko L, Cole A, Farris PE, Shannon J, Zahnd WE, Lee J, Cancer Prevention and Control Research Network Rural Cancer Workgroup. Assessing cancer programs' financial resources for rural cancer patients. *Journal of Clinical Oncology*. 2019;37(27 Suppl):165.
27. Adams SA, Truman SN\*, Babatunde OA, Felder TM, **Eberth JM**, Heiney SP, Alvarado C\*, Hébert JR. South Carolina's National Breast and Cervical Cancer Early Detection Program narrows the gap in South Carolina breast cancer disparities. *Cancer Epidemiology Biomarkers and Prevention*. 2020;29(6 Suppl 1).
28. Babatunde OA, Adams SA, **Eberth JM**, Felder TM, Moran R, Truman SN\*, Alvarado C\*, Hébert JR. Effect modifiers of surgery and adjuvant hormone treatment delays among patients diagnosed with breast cancer in South Carolina. *Cancer Epidemiology Biomarkers and Prevention*. 2020;29(6 Suppl 1).

29. Lawson AB, Hughes-Halbert C, Babatunde OA, Zahnd WE, **Eberth JM**. Area-level social deprivation and stage at diagnosis among breast cancer patients in South Carolina. *Cancer Epidemiology Biomarkers and Prevention*. 2020;29(12 Suppl).
30. Benavidez GA\*, Zgodic A\*, Zahnd WE, **Eberth JM**. Disparities in women being up to date with breast, cervical and colorectal cancer screening: an analysis of 2018 BRFSS data. *Annals of Epidemiology*. 2020;52:111.
31. Ranganathan R\*, Adams SA, Zahnd WE, Hung P, Brown MJ, **Eberth JM**. Rural and racial disparities in colorectal cancer incidence and mortality in South Carolina, 1996-2016. *Annals of Epidemiology*. 2020;52:110-111.

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## CONFERENCES AND SYMPOSIA

\* Indicates student/postdoctoral trainee as presenter

### Contributed Conference Presentations (Chronological)

1. Rowell K, McWhinney S, Rivers B, Green BL, **McCallum JM**. Childhood obesity in rural areas: An assessment of children's nutritional knowledge, attitudes, and behaviors. The National Leadership Summit on Eliminating Racial and Ethnic Disparities Health. Washington, D.C. 2006 Jan.
2. **McCallum JM**, Green BL, Arekere D, Rivers D, Kressin NR, Kegeles SS, Wang MQ, Katz RV. Perceptions of the US Public Health Service Syphilis Study at Tuskegee: implications for community-based research with minorities. 27<sup>th</sup> Annual Minority Health Conference. Chapel Hill, NC. 2006 Feb. [Poster]
3. Rivers B, Green BL, Sharf B, Buhi L, Street R, Rivers D, Rowell K, Watkins, D, Roberts-Perez S, Robledo M, Sarabia M, Delissaint D, Louis R, Arekere D, **McCallum JM**, & Anderson JL. Assessing health literacy needs in English and Spanish speaking patients with diabetes. SOPHE Mid-Year Conference. Las Vegas, NV. 2006 May.
4. Arekere DM, Green BL, Blakely CH, Rivers B, **McCallum JM**. and Delissaint, D. Explorations in global health disparities: income, education, and good governance. 5th International Conference on Health Economics, Management and Policy. Athens, Greece. 2006 June. [Oral]
5. **McCallum JM**, Arekere D, Green BL, Rivers B, Rivers D. Comorbidities among American Indians and Alaska Natives: results from the 2003 California Health Interview Survey. Reducing Health Disparities in American Indians and Alaska Natives by Preventing Diabetes throughout the Life Cycle. Oklahoma City, OK. 2006 Aug. [Poster]
6. Arekere D, Green, L, Blakely, CH, Rivers B, **McCallum JM**, Delissaint D. Cross-country comparisons of institutional indicators and health indicators. American Public Health Association Annual Meeting. Boston, MA. 2006 Nov. [Poster]
7. **McCallum, JM**, Arekere, D, Green, BL, Katz, RV, Rivers, B. Perceptions of the US Public Health Service Syphilis Study at Tuskegee and willingness to participation in biomedical research: A review of the literature. American Public Health Association Annual Meeting. Boston, MA. 2006 Nov. [Poster]
8. **McCallum JM**, Rene A, Huber Jr. JC, Green BL. An epidemiological analysis of breast cancer screening among American Indian and Alaska Native women: results from the 2003 California Health Interview Survey. American Society of Preventive Oncology Annual Meeting. Houston, TX. 2007 Mar. [Poster]

9. Katz RV, Green BL, Kressin NR, Kegeles SS, Wang MQ, James SA, Russell SL, Claudio C, **McCallum JM**. The legacy of the Tuskegee Syphilis Study: its impact on willingness to participate in biomedical studies. American College of Epidemiology Annual Meeting. Fort Lauderdale, FL. 2007 Sep. [Poster]
10. Katz RV, Kegeles SS, Kressin NR, Green BL, Wang MQ, James SA, Russell SL, Claudio C, **McCallum JM**. Impact of the ‘legacy’ of the Tuskegee Syphilis Study on minority participation in biomedical research: summary of findings from the Tuskegee Legacy Project. National Center for Minorities and Health Disparities NIH Summit Conference: The Science of Eliminating Health Disparities. National Harbor, MD. 2008 Dec. [Poster]
11. **Eberth JM**, Vernon SW, White AL, Abotchie PN, Coan SP. Accuracy of self-reported reason for colorectal cancer testing. American College of Epidemiology Annual Meeting. Silver Springs, MD. 2009 Sep. [Poster]
12. **Eberth JM**, Scheurer M, Davlin SL, Rochon DL, Kline KN, Jibaja-Weiss ML. HPV vaccination: an analysis of VAERS adverse event reports. American Public Health Association Meeting. Philadelphia, PA. 2009 Nov. [Poster]
13. **Eberth JM**, X Zhang, J Holt, JA Tiro, SW Vernon, Hossain Md M. A demonstration of multilevel, small area modeling: estimating HPV vaccine coverage in Texas counties. American College of Epidemiology Meeting. San Francisco, CA. 2010 Sep. [Poster]
14. Elting LS, **Eberth JM**, Chang Y, Nguyen H. Is mammography screening capacity in Texas sufficient to achieve cancer control goals? Cancer Prevention Research Institute of Texas Conference. Austin, TX. 2010 Nov. [Poster]
15. **Eberth JM**, Zhang X, Hossain Md M, Tiro JA, Holt JB, Vernon SW. Model-based small area estimation of Human papillomavirus (HPV) vaccine coverage among young adult women in Texas. American Public Health Association Meeting. Washington D.C. 2011 Oct. [Oral]
16. **Eberth JM**, Zhang X, Hossain Md M, Tiro JA, Holt JB, Vernon SW. Human papillomavirus (HPV) vaccine coverage among females aged 18-26 in Texas: a county-level analysis. Cancer Prevention Research Institute of Texas Annual Conference. Austin, TX. 2011 Nov. [Poster]
17. **Eberth JM**, Elting LS, Eschbach K, Morris J, Hossain Md M, Hguyen HT. Access to mammography in the South: a spatial perspective. American College of Epidemiology Annual Meeting. Chicago, IL. 2012 Sep. [Poster]
18. **Eberth JM**, Prarelkar P\*, Nguyen HT, Sun C, Vidrine J, Elting LS. Health burdens and behaviors of cervical cancer survivors in Texas: an analysis of BRFSS, cancer registry and Medicare claims data. BRFSS Conference. Atlanta, GA. 2013 March. [Oral]
19. Kline KN, **Eberth JM**, Montealegre JR, Moskowitz D, Scheurer ME. The agenda-setting influence of news media and internet activity on increased reporting of HPV4-associated vaccine adverse events. D.C. Health Communication Conference at George Mason University. 2013 Mar. [Oral]
20. **Eberth JM**, Austin M, Nguyen HT, Chang Y, Hughes DP, Elting LS. Access to pediatric cancer treatment centers in Texas. North American Association of Central Cancer Registries Annual Conference. 2013 June. [Oral]
21. **Eberth JM**, Eschbach K, Morris J, Nguyen HT, Hossain Md M, Elting S. Decreasing mammography capacity in the southern United States, 2002-2008. ESRI International User Conference. 2013 Jul. [Oral]

22. **Eberth JM**, Hibbert J. Availability of Vaccines for Children providers in Texas: a county-level analysis. American College of Epidemiology Meeting. Louisville, KY. 2013 Sep. [Poster]
23. Moskowitz DA, **Eberth JM**, Kline KN. The agenda-setting influence of news media and internet activity on increased reporting of HPV4-associated vaccine adverse events. American Political Science Association Annual Conference. Chicago, IL. 2013 Sep. [Poster]
24. Wirth M, Brandt HM, Dolinger H, Hardin JW, Sharpe PA, **Eberth JM**. Examining connections between screening for breast, cervical, and prostate cancer and colorectal cancer screening. American Association for Cancer Research, The Science of Health Disparities. 2013 Dec. Atlanta, GA. [Poster]
25. **Eberth JM**, Xu Y, Smith GL, Jiang J, Buchholz T, Hunt KK, Black DS, Giordano SH, Whitman GH, Yang W, Shen C, Elting LS, Smith B. Surgeon influence on use of needle biopsy in breast cancer patients: A national Medicare study. 7<sup>th</sup> Annual James E. Clyburn Health Disparities Lecture. 2014 Apr. [Poster]
26. Austin MT, Nguyen H, Sandbert DI, **Eberth JM**, Heczey AA, Hughes DP, Elting LS. Health disparities impact outcomes in children with CNS malignancies. American Association of Neurological Surgeons Meeting. San Francisco, CA. 2014 Apr. [Oral]
27. Austin MT, Nguyen H, **Eberth JM**, Heczey A, Hughes DP, Lally KP, Elting LS. Health disparities impact outcome in children with cancer. American Pediatric Surgery Association. 2014 May. [Poster]
28. Austin MT, Nguyen H, **Eberth JM**, Hughes DP, Heczey AA, Cormier J, Elting LS. Health disparities impact stage at diagnosis and outcome in children and adolescents with melanoma. American Society of Pediatric Hematology and Oncology. Chicago, IL. 2014 May. [Poster]
29. Austin MT, Hguyen H, **Eberth JM**, Heczey A, Hughes DP, Franklin A, Elting LS. The impact of social inequality on survival for children and adolescents with leukemia. AcademyHealth. 2014 June. [Poster]
30. Salloum R, Cheng X, Adams S, **Eberth JM**, Arrington A, Bell N, Lafata JE. Use of preventive services among cancer survivors in the Medicare program. AcademyHealth. 2014 June. [Poster]
31. Adams SA, Arrington AK, Bell N, **Eberth JM**, Salloum RG, Heiney SP. A comparison of breast cancer treatment received between participants and non-participants of the National Breast and Cervical Cancer Early Detection Program in South Carolina. 7<sup>th</sup> Biennial Cancer Survivorship Research Conference. [Poster]
32. **Eberth JM**, Xu Y, Smith GL, Jiang J, Buchholz T, Hunt KK, Black DS, Giordano SH, Whitman GH, Yang W, Shen C, Elting LS, Smith B. Quality of breast cancer care in the U.S.: a national analysis of Medicare beneficiaries, 2003-2007. American College of Epidemiology Annual Meeting. Silver Spring, MD. 2014 Sep. [Poster]
33. **Eberth JM**, Qiu R\*, Copeland A, Porter NG, McDonnell KK. Planning and implementation of low-dose CT lung cancer screening programs in the U.S.: a mixed-methods study. American Society of Preventive Oncology Meeting. Birmingham, AL. 2015 Mar. [Poster]
34. **Eberth JM**, Thibault A, Caldwell R, Brandt HM, Berger FG. Screening the uninsured in South Carolina: building and sustaining linkages to care using patient navigation. Dialogue for Action. Washington, D.C. 2015 Apr. [Poster]

35. Tushar T\*, **Eberth JM**, Boyde B, Probst JC. Colonoscopy access and utilization – urban-rural disparities in South Carolina, 2000-2010. American Public Health Association Meeting. 2015 Nov. [Poster]
36. **Eberth JM**, McDonnell KK, Cartmell K, Friedman DB, Sercy E, Strayer S. Family physicians’ perceptions of low-dose CT screening for lung cancer. North American Primary Care Research Group. 2015 Oct. [Poster]
37. Odom J\*, **Eberth JM**, McDonnell KK, Cartmell K, Friedman DB, Sercy E, Strayer S. Perceptions of lung cancer screening and Medicare coverage. North American Primary Care Research Group. 2015 Oct. [Poster]
38. Onicescu G\*, Lawson AB, Zhang J, Gebregziabher M, Wallace K, **Eberth JM**. Spatially-explicit survival modeling for small area cancer data. Joint Statistical Meeting. Seattle, WA. 2015 May. [Oral]
39. Ersek J\*, **Eberth JM**, Adams SA. Travel distance to nearest hospital: A geographic analysis of colorectal, lung, and melanoma cases. American College of Epidemiology Annual Meeting. Decatur, GA. 2015 Sep. [Poster]
40. Lin Y\*, **Eberth JM**, Probst JC. The association between primary care density and ambulatory care sensitive conditions hospitalizations for Medicare beneficiaries. National Conference on Health Statistics Meeting. Bethesda, MD. 2015 Aug. [Oral, Student Showcase Winner]
41. Khan SS\*, **Eberth JM**, Emrich C. Social vulnerability and its relationship with health outcomes in South Carolina. American College of Epidemiology Annual Meeting. Decatur, GA. 2015 Sep. [Poster]
42. Aljabri D\*, **Eberth JM**. Obesity and physical inactivity in South Carolina: role of healthcare supply and the built environment. National Conference on Health Statistics. Bethesda, MD. 2015 Aug. [Poster]
43. Caldwell R, **Eberth, JM**, Thibault A, Seabrook M, Berger FG. High incidence rate of polyp detection and compliance in CRC collaborative effort colonoscopy screening program for the uninsured and medically underserved in SC. American College of Gastroenterology Annual Meeting. Honolulu, HI. 2015 Oct. [Poster]
44. Breneman C\*, Wang X, Heidari K, **Eberth JM**. Neighborhood-level determinants of emergency department utilization among patients with diabetes in South Carolina, 2013. 21<sup>st</sup> Diabetes Fall Symposium. North Charleston, SC. 2015 September. [Poster]
45. McDonnell KK, **Eberth JM**, Strayer S, Friedman DB, Cartmell KB, Sercy E. Testing a brief, clinically-based lung cancer screening decision aid. Society for Behavioral Medicine Annual Meeting. Washington, DC. 2016 April. [Poster]
46. Ersek JL\*, **Eberth JM**, Patronik K, Kim ES. Low-dose CT lung cancer screening: perceptions of primary care providers in a community-based health system. Congress of the Americas. Miami, FL. 2016 June. [Poster]
47. Josey MJ\*, **Eberth JM**. Changing trends in practice settings for colonoscopy in SC: implications for colorectal cancer prevention. American Society of Preventive Oncology. Columbus, OH. 2016 March. [Poster]
48. Thibault A, Caldwell R, Brandt HM, **Eberth JM**, Pena EA, Brittingham J, Seabrook M, Berger FG. High participation of African Americans in colorectal cancer screening, and quality colonoscopy outcomes using a blended patient navigation approach (telephone/in-person) managed through a web-based data management system. Dialogue for Action Annual Meeting. Baltimore, MD. 2016 Apr. [Poster; top-ranked abstract]

49. Babatunde OA\*, Adams SA, Wirth MD, **Eberth JM**, Sofge J\*, Harmon B, Davis L, Drayton R, Hurley T, Brandt HM, Hebert J. Predictors of participants' retention among African Americans in the Healthy Eating and Living in The Spirit (HEALS) trial. American Association of Cancer Research Annual Meeting. 2016 April. [Poster]
50. Odahowski C\*, **Eberth JM**. Differences in Medicare spending between urban and rural counties in the United States. National Rural Health Association Annual Meeting. Minneapolis, MN. 2016 May. [Poster]
51. **Eberth JM**, McLain AC, Yuan H\*, Sercy E, Diedhiou A, Kilpatrick DJ. An innovative small area estimation approach for estimating county-level tobacco use and exposure. Conference on Geospatial Approaches to Cancer Control and Population Sciences. Bethesda, MD. 2016 September. [Oral]
52. Odahowski CL\*, Hébert JH, **Eberth JM**. Evaluating regional variation in lung and bronchus cancer survival in the US using mortality-to-incidence ratios. Conference on Geospatial Approaches to Cancer Control and Population Sciences. Bethesda, MD. 2016 September. [Oral]
53. Ratnapradipa KL\*, Lian M, Jeffe DB, Davidson NO, **Eberth JM**, Pruitt SL, Schootman M. Patient, hospital, and geographic variability in laparoscopic surgery use among SEER-Medicare colon cancer patients. Conference on Geospatial Approaches to Cancer Control and Population Sciences. Bethesda, MD. 2016 September. [Oral]
54. Dai D, **Eberth JM**. Shortage designation: screening mammography shortage areas in the United States. Conference on Geospatial Approaches to Cancer Control and Population Sciences. Bethesda, MD. 2016 September. [Oral]
55. Dievendorf A, McDonnell KK, **Eberth JM**, Strayer S, Sercy E. Primary care nurse practitioners knowledge, attitudes and practices regarding lung cancer screening. AHEC 13<sup>th</sup> Annual Research Symposium. Greenville, SC. 2016 September. [Poster]
56. McDonnell KK, **Eberth JM**, Strayer S, Sercy E. Promoting shared-decision making: testing the feasibility of a brief, clinically-based lung cancer screening decision aid. AHEC 13<sup>th</sup> Annual Research Symposium. Greenville, SC. 2016 September. [Poster].
57. Lin YH\*, Probst JC, **Eberth JM**, Bennett K, Qureshi Z. County-Level Area Deprivation and Health-Related Quality of Life among Older Adults in the United States: A Multilevel, Post-Stratification Approach. American Public Health Association Annual Meeting. Denver, CO. 2016 Oct. [Oral, roundtable]
58. Bullard J\*, Salloum R, **Eberth JM**, Arrington A, Cheng S, Adams SA. Timeliness of treatment initiation and associated survival following diagnosis of non-small cell lung cancer in SC. American Public Health Association Annual Meeting. Denver, CO. 2016 Oct. [Oral]
59. Onyeuku C\*, Adams S, Hébert JR, **Eberth JM**, Zhang J, Barr-Anderson DJ. Physical Activity and Breast Cancer in South Carolina: A Case-Control Analysis. American Public Health Association Annual Meeting. Denver, CO. 2016 Oct. [Poster]
60. Odahowski CL\*, Hébert J, **Eberth JM**. Evaluating regional variation in lung and bronchus cancer survival in the US using mortality-to-incidence ratios. Annual GIS Day, Centers for Disease Control and Prevention. Atlanta, GA. 2016 Nov. [Oral]
61. Schootman M, Hendren S, Ratnapradipa K\*, **Eberth JM**, Davidson NO. Differences in effectiveness of robotic surgery outcomes in obese versus non-obese colectomy patients. 8<sup>th</sup> European Multidisciplinary Colorectal Cancer Congress. Amsterdam. 2016 December. [Poster]

62. **Eberth JM**, Josey MJ\*, Mobley LR, Davidson N, Jeffe D, Odahowski CL\*, Probst JC, Schootman M. Geographic disparities and temporal trends in the colonoscopy workforce. 1<sup>st</sup> Annual Cancer Health Disparities Symposium. Charleston, SC. 2017 Mar. [Oral]
63. Flocke SA, Birkby G, **Eberth JM**, Hoffman R, Brenner AT, Reuland DS, Gullett H, Zeliadt SB. Addressing tobacco cessation at federally qualified health centers (FQHCs): current practices and resources. American Society of Preventive Oncology. Seattle, WA. 2017 Mar. [Poster]
64. Josey MJ\*, Odahowski CL\*, Sercy E, Schootman M, Mobley L, Probst J, Strayer S, **Eberth JM**. Exploring the predictive ability of physician density measures of endoscopy. 1<sup>st</sup> Annual Cancer Health Disparities Conference. Charleston, SC. 2017 Mar. [Poster]
65. Odahowski CL\*, **Eberth JM**. Lung cancer screening utilization in the United States: 2015 National Health Interview Survey Results. 1<sup>st</sup> Annual Cancer Health Disparities Conference. Charleston, SC. 2017 Mar. [Oral]
66. McLain AC, **Eberth JM**, Yuan H\*, Sercy E, Diedhiou A, Kilpatrick DJ. Using spatial mixed models for small area estimation: an application using 2014-2015 SC Adult Tobacco Survey Data. National Conference on Tobacco and Health. Austin, TX. 2017 Mar. [Poster]
67. Waddell LF, Walker Romero E, Smith A, Berry J, Adams SA, **Eberth JM**. GIS mapping to address disparities in breast cancer mortality. 10<sup>th</sup> Anniversary Health Disparities Conference. New Orleans, LA. 2017 Mar. [Poster & Oral]
68. Oluwole OA\*, Adams SA, **Eberth JM**, Felder T, Moran R, Sercy E, Hebert J. Racial disparities in receipt of adjuvant hormonal therapy among patients diagnosed with breast cancer in South Carolina. American Association of Cancer Research Annual Conference. 2017 April. [Poster]
69. Waddell LF, Walker Romero E, Smith A, Berry J, Adams SA, **Eberth JM**. GIS mapping to address disparities in breast cancer mortality. National Network of Public Health Institutes Conference. New Orleans, LA. 2017 May. [Poster]
70. Zeliadt SB, Birkby G, **Eberth JM**, Hoffman R, Park H, Trapl E, Brenner A, Reuland D, Slatore C, Flocke SA. Early implementation of lung cancer screening across federally qualified health centers (FQHCs) in the U.S. Annual Meeting of the American Thoracic Society. Washington, D.C. 2017 May. [Poster]
71. **Eberth JM**, Josey MJ\*, Mobley LR, Davidson N, Jeffe D, Odahowski CL\*, Probst JC, Schootman M. Urban-rural differences in colonoscopy workforce in South Carolina. National Rural Health Association Annual Meeting. San Diego, CA. 2017 May. [Oral]
72. Breneman CB\*, Probst JC, Bennett KJ, Merchant AT, Moran R, **Eberth JM**. Frequent emergency department use among adults with diabetes. National Rural Health Association Annual Meeting. San Diego, CA. 2017 May. [Poster]
73. McDonnell KK, Dievendorf AC, Warden D\*, Blew L\*, Sercy E, **Eberth JM**. Nurse practitioner knowledge, attitudes and practices regarding lung cancer screening in the United States. 28<sup>th</sup> International Nursing Research Congress. Dublin, Ireland. 2017 July. [Poster]
74. Smith A, Waddell LF, Berry J, Romero EW, Adams SA, **Eberth JM**. GIS mapping to address disparities in breast cancer mortality. CDC National Cancer Conference. Atlanta, GA. 2017 Aug.
75. Zeliadt SB, Birkby G, **Eberth JM**, Hoffman R, Park H, Trapl E, Brenner A, Reuland D, Slatore C, Flocke SA. Implementation of lung cancer screening across federally qualified health centers (FQHCs) in the U.S. 2017 CDC National Cancer Conference. Atlanta, GA. 2017 Aug.

76. Babatunde OA\*, Adams SA, **Eberth JM**, Sercy E, Hébert J. Racial disparities in late receipt of surgery and adjuvant hormonal therapy among breast cancer patients in South Carolina. 2017 CDC National Cancer Conference. Atlanta, GA. 2017 Aug.
77. Odahowski CL\*, Sercy E, **Eberth JM**. Health seeking behaviors of current and former smokers: 2015 National Health Interview Survey results. American College of Epidemiology Meeting. New Orleans, LA. 2017 Sep. [Poster]
78. Khan S\*, Schooley B, **Eberth JM**. Spatial access to HIV care across South Carolina. American College of Epidemiology. New Orleans, LA. 2017 Sep. [Poster]
79. Josey MJ\*, Mobley LR, Schootman M, Probst JC, Sercy E, Strayer S, **Eberth JM**. Physician density measurement and implications for colonoscopy delivery on cancer prevention. 12<sup>th</sup> International Conference on Health Policy Statistics. Charleston, SC. 2018 Jan. [Poster]
80. Breneman C, **Eberth JM**, Probst JC. Measuring need using cause of death: composite methods shortchange rural counties. 12<sup>th</sup> International Conference on Health Policy Statistics. Charleston, SC. 2018 Jan. [Oral]
81. Boutte AK\*, Turner-McGrievy GM, Wilcox S, Liu J, **Eberth JM**, Kaczynski A. The association between stress, depressive symptoms, and diet quality in pregnancy: a narrative review. SC Annual Public Health Association Conference. Myrtle Beach, SC. 2018 Feb. [Poster & Oral]
82. **Eberth JM**, McDonnell KK, Sercy E, Khan S, Strayer S, Dievendorf AC, Munden RF, Vernon SW. A national survey of primary care physicians: perceptions and practices of low-dose CT lung cancer screening. American Society of Preventive Oncology Annual Meeting. NYC, NY. 2018 Mar. [Poster]
83. Sercy E, Josey MJ\*, Schootman M, Probst JC, **Eberth JM**. Polyp detection during colonoscopy: the impact of rurality and physician specialty. American Society of Preventive Oncology Annual Meeting. NYC, NY. 2018 Mar. [Online publication]
84. Josey MJ\*, Schootman M, Probst JC, **Eberth JM**. Preventing recurrence: disparities in adherence to surveillance colonoscopy among colorectal cancer survivors in South Carolina. American Society of Preventive Oncology Annual Meeting. NYC, NY. 2018 Mar. [Poster]
85. McDonnell KK, Estrada RD, Dievendorf AC, Blew L\*, Warden B\*, Hardin J, Sercy E, **Eberth JM**. Nurse practitioners' lung cancer screening knowledge, attitudes and clinical behaviors in the United States: a mixed methods study. American Society of Preventive Oncology Annual Meeting. NYC, NY. 2018 Mar. [Poster]
86. Josey MJ\*, Schootman M, Probst JC, Eberth JM. Preventing recurrence: disparities in adherence to surveillance colonoscopy among colorectal cancer survivors in South Carolina. 2<sup>nd</sup> Annual GMaP Region-1 South Cancer Health Disparities Symposium. Chapel Hill, NC. 2018 Mar. [Oral]
87. Boutté AK\*, Turner-McGrievy GM, Wilcox S, Liu J, **Eberth JM**, Kaczynski A. Examining associations between baseline stress, depressive symptoms, and diet quality among diverse pregnant women. 39<sup>th</sup> Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine. New Orleans, LA. 2018 April. [Poster]
88. Schootman M, Mutch M, Loux T, **Eberth JM**, Davidson NO. Laproscopic colectomy is more effective than open resection in locally advanced colon cancer. ISPOR 23<sup>rd</sup> Annual International Meeting. Baltimore, MD. 2018 May. [Poster]
89. Crouch E, **Eberth JM**, Probst JC, Bennett K, Adams SA. Rural-urban differences in costs of end-of-life care in the last six months of life among patients with breast, lung, or colorectal cancer. National Rural Health Association Meeting. New Orleans, LA. 2018 May. [Oral]

90. Breneman CB\*, Crouch EL, **Eberth JM**, Bennett KJ, Probst JC. Assessing change in the primary care service delivery profile in South Carolina. National Rural Health Association Meeting. New Orleans, LA. 2018 May. [Poster]
91. Schootman M, Jeffe DB, **Eberth JM**, Davidson NO. Mediators of 30-day mortality risk following resection for nonmetastatic colon cancer polyps among patients with diabetes. DDW Annual Meeting. Washington, DC. 2018 June. [Poster]
92. Ersek JL\*, Symanoswski JT, Kim ES, Adams SA, Hébert JR, **Eberth JM**. Factors predicting molecular testing and its impact on survival in racially diverse patients with advanced, non-small cell lung cancer: a retrospective, population-based analysis using administrative claims data. American Society of Clinical Oncology Annual Meeting. Orlando, FL. 2018 June. [Online publication]
93. Ersek JL\*, Symanoswski JT, Kim ES, Adams SA, Hébert JR, **Eberth JM**. Predictors of erlotinib utilization and the impact of erlotinib use on overall survival in advanced, non-small cell lung cancer. American Society of Clinical Oncology Annual Meeting. Orlando, FL. 2018 June. [Online publication]
94. Liese AD, Ma X\*, Reid L\*, **Eberth JM**, Bell BA, Probst J, Turley C, Mayer-David EJ. Health care access, utilization, and glycemic control in youth and young adults with diabetes in South Carolina. American Diabetes Association Annual Meeting. 2018 June. [Poster]
95. **Eberth JM**, Thibault A, Caldwell R, Josey MJ\*, Qiang B, Pena E, LaFrance D, Berger FG. The Colorectal Cancer Prevention Network: Assessing the role of lifestyle factors on colorectal outcomes. Southeastern Colorectal Cancer Consortium. 2018 June. [Poster; received poster award]
96. Ersek JL\*, Turner SG\*, Cartmell K, Symanowski J, Kim E, Adams SA, Hébert J, **Eberth JM**. A qualitative study of North and South Carolina family physicians perceptions and experiences with low-dose computed tomography for lung cancer screening. American Public Health Association Annual Meeting. San Diego, CA. 2018 October. [Poster]
97. Khan S\*, Olatosi B, Torres M, McLain A, **Eberth JM**. Spatial access to HIV testing across the US South. Annual Rural HIV Research and Training Conference. 2018 September. [Poster]
98. Hosking M, Doty J, Lackey L, **Eberth JM**, Ersek J\*. Perceptions and experiences with low-dose computed tomography for lung cancer screening in a southeastern community-based health system. American College of Epidemiology Annual Meeting. Cincinnati, OH. 2018 September. [Poster]
99. **Eberth JM**, Studts JS, Bills S\*, Turner SG\*, Hughes D. Leveraging mammography to increase awareness and uptake of low-dose CT lung cancer screening. American College of Epidemiology Annual Meeting. Cincinnati, OH. 2018 September. [Poster]
100. Swartz A, **Eberth JM**, Strayer S. Preventing colon cancer vs. early diagnosis, what is best? A meta-analysis of the U.S. Preventive Services Task Force Evidence Report on Screening Tests. UEG Week. Vienna, Austria. 2018 October. [Poster; received "Poster of Excellence" award]
101. Swartz A, **Eberth JM**, Strayer S. Colorectal cancer prevention and all-cause mortality reduction: a meta-analysis of the U.S. Preventive Services Task Force Evidence Report on Screening Tests. North American Primary Care Research Group Meeting. Chicago, IL. 2018 November. [Oral presentation]
102. Babatunde OA\*, Adams SA, **Eberth JM**, Felder TM, Moran R, Truman S\*, Alvarado C\*, Hébert JR. Effect modifiers of surgery and adjuvant hormone treatment delays among

- patients diagnosed with breast cancer in South Carolina. AACR Science of Health Disparities conference. New Orleans, LA. 2018 November. [Poster]
103. Boutté AK\*, Turner-McGrievy GM, Wilcox S, Liu J, **Eberth JM**, Kaczynski AT. Healthy food density is associated with diet quality among racially-diverse overweight/obese pregnant women in South Carolina. Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine. Washington, DC. 2019 March. [Poster; received “Outstanding Student Poster” award]
104. Babatunde OA\*, Adams SA, **Eberth JM**, Felder TM, Moran R, Truman S\*, Alvarado C\*, Hébert JR. Identifying predictors of racial disparities in mortality among Blacks and Whites diagnosed with breast cancer in South Carolina. American Association for Cancer Research Annual Meeting. 2019 April. [Poster]
105. **Eberth JM**, Odahowski CL\*, Zahnd WE\*. Geographic disparities in lung cancer screening in the U.S. American Society of Preventive Oncology Annual Meeting. Tampa, FL. 2019 March. [Poster]
106. **Eberth JM**, Zahnd WE\*, Josey MJ\*, Schootman M, Probst JC. Temporal trends in spatial access to colonoscopy in South Carolina. American Society of Preventive Oncology Annual Meeting. 2019 March. [Online only publication]
107. Babatunde OA\*, Adams SA, **Eberth JM**, Zahnd WE\*, Felder TM, Moran R, Hébert JR. A comparison of mortality-to-incidence ratio with survival analysis in assessing breast cancer disparities across South Carolina counties. American Society of Preventive Oncology Annual Meeting. Tampa, FL. 2019 March. [Oral]
108. Hughes AE, Lee SC, Berry E, **Eberth JM**, Pruitt SL. Do mobile units increase spatial accessibility to mammography for uninsured women in North Texas? American Society of Preventive Oncology Annual Meeting. Tampa, FL. 2019 March. [Poster]
109. Odahowski CL\*, Zahnd WE\*, Davis M, Perry C, Vanderpool RC, **Eberth JM**. Financial hardship among rural cancer survivors in the U.S. American Society of Preventive Oncology Annual Meeting. Tampa, FL. 2019 March. [Poster]
110. Truman S\*, Adams SA, **Eberth JM**, Ortaglia A, Breneman C. Breast cancer treatment and survival for women with autoimmune diseases: findings from a South Carolina retrospective cohort investigation. American Society of Preventive Oncology Annual Meeting. Tampa, FL. 2019 March. [Poster]
111. Biesecker C\*, Zhand WE\*, **Eberth JM**. Mapping cervical cancer access and prevention in SC. 12<sup>th</sup> Annual James E. Clyburn Health Disparities Lecture. Columbia, SC. 2019 Apr. [Poster; Won “Best Poster” Award]
112. Hung P, Deng S\*, Zahnd WE\*, Adams SA, Olatosi B, Crouch EL, **Eberth JM**. Urban-rural disparities in residential access to colorectal and cervical cancer care specialist. National Rural Health Association Annual Meeting. Atlanta, GA. 2019 May. [Poster]
113. Biesecker C\*, Zhand WE\*, **Eberth JM**. Mapping cervical cancer access and prevention in SC. National Rural Health Association Health Equity Conference. Atlanta, GA. 2019 May. [Poster]
114. Probst JC, **Eberth JM**, Bennett K, Crouch EL. Home & guns: rural-urban differences in firearm storage. National Rural Health Association Annual Meeting. Atlanta, GA. 2019 May. [Poster]
115. Zahnd WE\*, Davis MM, Rotter JS, Vanderpool RC, Perry CK, Shannon J, Ko L, Wheeler SB, Odahowski CL\*, Farris PE, **Eberth JM**. Rural-urban differences in financial

- burden among cancer survivors: an analysis of a nationally representative survey. National Rural Health Association Annual Meeting. Atlanta, GA. 2019 May. [Poster]
116. Kaczynski AT, Stowe EW\*, Wende ME\*, **Eberth JM**, Liese AD, McLain AC, Breneman C, Josey MJ\*. Development of a county-level childhood obesogenic environment index across the United States. International Society of Behavioral Nutrition and Physical Activity. Prague, Czech Republic. 2019 June. [Poster]
  117. Petermann VM\*, Vanderpool RC, **Eberth JM**, Rohweder C, Zahnd WE, Teal R, Stradtman L, Frost E, Trapl E, Koopman Gonzalez S, Vu T, Ko L, Cole A, Farris PE, Shannon J, Lee J. Assessing cancer programs' financial resources for rural cancer patients. ASCO Quality Care Symposium. 2019 September. [Poster]
  118. Stowe EW\*, Wende M\*, Kaczynski AT, **Eberth JM**, Liese A, McLain A, Breneman C, Josey MJ\*. Childhood Obesogenic Environment Index: Region and Rurality Differences Across the United States. American Public Health Association Annual Meeting. Philadelphia, PA. 2019 November. [Poster]
  119. Wende M\*, Kaczynski AT\*, Stowe EW\*, **Eberth JM**, McLain A, Liese A, Breneman C, Josey MJ\*. Examining spatial clustering patterns and regional and rurality variations of physical activity environments in the United States. American Public Health Association Annual Meeting. Philadelphia, PA. 2019 November. [Oral]
  120. Zahnd WE, Josey MJ, Schootman M, **Eberth JM**. Using two-step floating catchment area methods to evaluate spatial accessibility to colonoscopy and their ability to predict late-stage colorectal cancer. National Big Data Health Science Conference. Columbia, SC. 2020 February. [Poster]
  121. Zahnd WE, Petermann V\*, Teal R, Vu M, Vanderpool RC, Rohweder C, Askelson N, Edward JE, Farris PE, Koopman Gonzalez SJ, Ko LK, **Eberth JM**, Cancer Prevention and Control Research Network Rural Cancer Workgroup. Interventions to Address the Financial Burden of Cancer Care: Recommendations from the Field. American Society of Preventive Oncology 44<sup>th</sup> Annual Meeting. Virtual. 2020 March. [Poster; Best poster award from Health Disparities Special Interest Group]
  122. Zahnd WE, Petermann V\*, Teal R, Vu M, Vanderpool RC, Rohweder C, Farris PE, Askelson N, Stradtman L, Koopman Gonzalez SJ, Vu T, **Eberth JM**, Cancer Prevention and Control Research Network Rural Cancer Workgroup. Financial Navigation Staff Perspectives on the Patients' Financial Burden of Cancer Care. American Society of Preventive Oncology 44<sup>th</sup> Annual Meeting. Virtual. 2020 March. [Online only abstract].
  123. Odahowski CL, Alberg A, Zhang J, Schootman M, **Eberth JM**. Patient and county-level determinants of surgical treatment for non-small cell lung cancer: a multilevel SEER-Medicare analysis. American Society of Preventive Oncology Annual Meeting. Virtual. 2020 March. [Poster]
  124. Benavidez GA\*, Zgodic A\*, Zahnd WE, **Eberth JM**. Disparities in Cervical Cancer Screening in The United States. 3<sup>rd</sup> Annual NCI Symposium on Cancer Health Disparities. Bethesda, MD. 2020 April [Oral; postponed due to COVID-19]
  125. Benavidez GA\*, Zgodic A\*, Zahnd WE, **Eberth JM**. Sociodemographic Factors Associated with Mammography Uptake in Women. National Rural Health Association Annual Conference. Virtual. 2020 May [Poster]
  126. **Eberth JM** (Co-Presentors: Elizabeth Crouch, Whitney Zahnd, Peiyin Hung). Rural-minority disparities across the life span. National Rural Health Association Health Equity Conference. Virtual. 2020 May. [Oral]

127. **Eberth JM** (Co-Presentors: Holly Andrilla and Alva Fernandez). Cancer research and findings from 3 Rural Health Research Centers. National Rural Health Association Annual Meeting. Virtual. 2020 May. [Oral]
128. Zgodic A\*, **Eberth JM**, Zahnd WE, Adams SA, Hudson MF. Impact of patient metropolitan status and facility region on disparities in needle biopsy receipt for breast cancer diagnosis. National Rural Health Association Health Equity Conference. Virtual. 2020 May [Poster]
129. Hung P, Zahnd WE, Brandt HM, Adams SA, Wang S, **Eberth JM**. Cervical cancer treatment initiation and survival: the role of residential proximity to cancer care. Academy Health Annual Meeting. Virtual. 2020 July [Poster]
130. Ranganathan R\*, Adams SA, Zahnd WE, Hung P, Brown MJ, **Eberth JM**. Disparities in Colorectal Cancer in South Carolina – 1996-2006. American College of Epidemiology Annual Meeting. Virtual. 2020 September. [Poster]
131. Benavidez GA\*, Zgodic A\*, Zahnd WE, **Eberth JM**. Disparities in cancer screening among women in the United States. American College of Epidemiology Annual Meeting. Virtual. 2020 September. [Poster]
132. Babatunde O\*, Zahnd WE, **Eberth JM**, Lawson A, Hughes-Halbert C. Area-level social deprivation and stage at diagnosis among breast cancer patients in South Carolina. American Association for Cancer Research Virtual Conference on the Science of Cancer Health Disparities. Virtual. 2020 October. [Poster]
133. Zgodic A\*, Zahnd WE, Miller DP, Studts JL, **Eberth JM**. Adjustment of complex survey design weights for multilevel modeling: An application using optional BRFSS modules on lung cancer screening. American Public Health Association Meeting. Virtual. 2020 November. [Oral; Finalist for Spiegleman Award]
134. **Eberth JM** (Co-presenters: Richard Heller, Efren Flores, Ruth Carlos, Valerie Ward, Linda Dowling, Lucy Spalluto). Special interest session: A call to action for health equity. Radiological Society of North America Annual Meeting. Virtual. 2020 December. [Oral]
135. Wang S\*, Zgodic A\*, **Eberth JM**, Pelland S\*, Miller DP. Provider specialty and shared decision making for lung cancer screening. North Carolina Chapter of the American College of Physicians Annual Meeting. Virtual. 2021 February. [Poster]
136. Pelland S\*, Zgodic A\*, **Eberth JM**, Wang S\*, Miller DP. Do patients who complete lung cancer screening differ from non-completers in knowledge and decisional conflict? North Carolina Chapter of the American College of Physicians Annual Meeting. Virtual. 2021 February. [Poster]
137. Hung P, Zahnd WE, Brandt HM, Adams SA, Wang S\*, **Eberth JM**. Cervical cancer treatment initiation and survival: the role of residential proximity to cancer care. National Rural Health Association Annual Meeting. Virtual. 2021 May. [Oral presentation]
138. **Eberth JM**, Hung P, Zahnd WE. Cancer care delivery in rural safety net settings. National Rural Health Association Annual Meeting. Virtual. 2021 May. [Oral presentation]
139. Zahnd WE, **Eberth JM**, Evans D. Addressing rural disparities in comprehensive cancer control plans. National Rural Health Association Health Equity Meeting. Virtual. 2021 May. [Oral presentation]
140. Hung P, Shi K, Probst JC, Zahnd WE, Zgodic A\*, Merrell M, Crouch E, **Eberth JM**. Trends in cancer treatment service availability across critical access hospitals and prospective payment system hospitals. AcademyHealth Annual Meeting. Virtual. 2021 June. [Poster]

141. Flory K, Federico A\*, Zgodic A\*, **Eberth JM**, Bradshaw J, McLain A. County-level prevalence estimates of ADHD among children ages 5-17 in the United States: overlay of race/ethnicity and SES distributions. New Orleans, LA. 2021 November. [Poster, accepted]

***Invited Presentations/Lectures***

1. The legacy of the US Public Health Service Syphilis Study at Tuskegee: perceptions and consequences. Project EXPORT External Advisory Board Meeting. Texas A&M University, Center for the Study of Health Disparities (College Station, TX). 2006 Apr.
2. Integrating geography and health services research: exercises in modeling cancer prevention utilization and accessibility. Health Services Research Journal Club. The University of Texas MD Anderson Cancer Center (Houston, TX). 2011 Mar.
3. Spatial accessibility to mammography facilities in the southern United States. Cancer Prevention Brown Bag Lecture. The University of Texas MD Anderson Cancer Center (Houston, TX). 2011 Dec.
4. Modeling geographic disparities in access, utilization, and quality of care: applications in cancer prevention research. The University of South Carolina Arnold School of Public Health. 2012 Mar.
5. Introduction to public health. Boy Scout Merit Badge Day at the University of Houston (Houston, TX). 2012 Oct.
6. Geographic disparities in mammography capacity in the south: a longitudinal assessment of supply and demand. Cancer Prevention Brown Bag Lecture. The University of Texas MD Anderson Cancer Center (Houston, TX). 2012 Oct.
7. Access to cancer care in the U.S. and South Carolina. Rural Health Research Center. The University of South Carolina Arnold School of Public Health. 2013 July.
8. Cancer care deserts: quantifying and solving the problem from a spatial perspective. Cancer Prevention and Control Program Symposium. The University of South Carolina Arnold School of Public Health. 2013 Aug.
9. Cancer screening in SC: projects and opportunities for collaboration. Greenville Hospital System, Care Coordination Institute. (Greenville, SC). 2013 Oct.
10. Where can I get colorectal cancer screening? Investigating spatial access to screening in SC. COBRE Center for Colon Cancer Research. The University of South Carolina. 2013 Oct.
11. Using Infographics to enhance epidemiology education for undergraduates. 2013 Oktoberfest: A Symposium on Teaching. The University of South Carolina. 2013 Oct.
12. Low-dose CT for Lung Cancer Screening: A Review of Current Guidelines and Implementation. Division of Epidemiology Brown Bag Series. The University of South Carolina Arnold School of Public Health. 2013 Nov.
13. Access and utilization of mammography in South Carolina: where do we stand? Palmetto Health Mammography Technologists CE Day. (Columbia, SC). 2014 Feb.
14. A web-based tool to visualize and analyze the spatial arrangement of health care facilities and health outcomes in SC. SCARC Conference (Columbia, SC). 2014 Feb.
15. Mobile mammography: challenges and recommendations. Susan G. Komen Partners in Pink Meeting (Florence, SC). 2014 May.
16. Basics in GIS. GMap Regional Meeting (Columbia, SC). 2014 Aug.
17. Low-dose CT for lung cancer screening: current guidelines and implementation. South Carolina Cancer Alliance Annual Meeting (Columbia, SC). 2014 Oct.

- 18.** Utilizing data to address breast cancer mortality among women living in vulnerable populations. ASTHO/CDC Expert Panel Meeting (Atlanta, GA). 2015 Nov.
- 19.** Assessing quality of breast cancer treatment: unique opportunities. ASTHO/CDC Breast Cancer Learning Community: Tennessee Stakeholder Meeting (Nashville, TN). 2016 March.
- 20.** Identifying disparities in cancer care: an early career scientist's story. Congressional briefing on cancer research funding co-sponsored by Research!America, AcademyHealth, and American Cancer Society Cancer Action Network (Washington, D.C.). 2016 March.
- 21.** Current issues in rural population health. National Rural Health Association 39<sup>th</sup> Annual Conference. (Minneapolis, MN). 2016 May. [Invited Concurrent Session]
- 22.** Twitter in academia. Society of Epidemiologic Research. (Miami, FL). 2016 June. [Invited Breakfast Roundtable]
- 23.** What do health care providers think about low-dose CT for lung cancer screening? USC College of Nursing Research Forum (Columbia, SC). 2016 October.
- 24.** Advancing lung cancer screening and quality survivorship: current projects in South Carolina. Cancer Prevention and Control Program Monthly Research Symposium (Columbia, SC). 2016 November.
- 25.** Low dose CT is effective for lung cancer screening: now what? Centers for Disease Control and Prevention Associate Director of Science Research Series (Atlanta, GA). 2016 November.
- 26.** Lung cancer screening in U.S. primary care practices. University of Kentucky Markey Cancer Center Research Series (Lexington, KY). 2017 March.
- 27.** Geographic disparities and temporal trends in the colonoscopy workforce. Florida State University School of Medicine (Tallahassee, FL). 2017 Sep.
- 28.** Accessibility and implementation barriers to low-dose lung cancer screening. Wake Forest University School of Medicine (Winston-Salem, NC). 2017 Sep.
- 29.** Geospatial concepts and methods in epidemiologic research. Wake Forest University School of Medicine (Winston-Salem, NC). 2017 Nov.
- 30.** Lessons from NIH Bootcamp. Department of Epidemiology and Biostatistics Research Committee Meeting (Columbia, SC). 2018 Apr.
- 31.** Developing a rural cancer workgroup. Cancer Prevention and Control Research Network Steering Committee Meeting. Webinar. 2018 Apr.
- 32.** Providing colorectal cancer screening to the uninsured of South Carolina. Champions for Colorectal Cancer in South Carolina. Webinar. 2018 July.
- 33.** Lung cancer screening: healthcare provider perceptions and practices. Partners in Quality (PIQ) Lung Cancer Survivorship. (South Carolina Oncology Associates, Columbia, SC). 2018 Oct.
- 34.** Using healthcare location data to frame population health disparities. GIS Day Event at the University of South Carolina (Columbia, SC). 2018 Nov.
- 35.** Rural cancer workgroup update. Cancer Prevention and Control Research Network Steering Committee Meeting. Webinar. 2018 Nov.
- 36.** Perceptions and practices of LDCT lung cancer screening. 2019 National Lung Cancer Roundtable Meeting (Washington, D.C.). 2018 Dec.
- 37.** Cancer screening disparities: access, utilization and outcomes. University of Kentucky Markey Cancer Center (Lexington, KY). 2019 January.
- 38.** Minority health in SC: where we are and what we can do. Alliance for a Healthier South Carolina. Webinar. 2019 Apr.

39. Feasibility of creating small area estimates using weighted, multilevel prediction models: an application for the National Survey of Children's Health. Centers for Disease Control & Prevention/National Network of Public Health Networks. (Webinar). 2019 July.
40. Cancer prevention and control in rural populations. National Cancer Institute Rural Cancer Supplement Conference (Oklahoma City, OK). 2019 Aug.
41. Summiting the mountain of lung cancer screening: an update and call to action. GO2 Foundation for Lung Cancer Annual Screening & Care Conference (Washington, D.C.). 2019 November. [KEYNOTE]
42. Cancer surveillance and access to care in rural America. Rural Health Research Gateway Webinar. Webinar. 2020 February.
43. Urban-rural differences in access to cancer screening and treatment services. 3<sup>rd</sup> NIH Symposium on Cancer Health Disparities. 2020 April. [Postponed due to COVID-19].
44. Opportunities for cancer control in rural and frontier populations. American Association of Cancer Research Annual Meeting. 2020 May. [Postponed due to COVID-19].
45. Do rural racial disparities get lost in the larger discussion on rural-urban disparities? National Academy of Sciences, Engineering, and Medicine. Population Health in Rural America in 2020 – A Virtual Workshop. Virtual. 2020 June.
46. You've Built It. Are They Coming? Will They Stay? GO2 Foundation Centers of Excellence Annual Summit. Virtual. 2020 September.
47. Researcher Spotlight for American Cancer Society (Invited Donors). Virtual. 2020 September.
48. Provider Engagement and Outreach Task Group Showcase. National Lung Cancer Roundtable Annual Meeting. Virtual. 2020 December.
49. Cancer Surveillance and Access to Care in Rural America. Centers for Disease Control and Prevention (Cancer Coalition Learning Community). Virtual. 2020 October.
50. Researcher Spotlight for American Cancer Society ResearchHERS South Florida. Virtual. 2021 March.
51. Understanding colorectal cancer screening recommendations. Mount Tabor Lutheran Church Faith-Based Ministry. 2021 March.
52. The Changing Landscape of Cancer Care Delivery in Rural America. American Association of Cancer Research Annual Meeting. Virtual. 2021 April.
53. Rural places, people, and their health: data and tools to advance health equity. Vanderbilt University Medical Center. Virtual. 2021 April.
54. Urban-rural Differences in Access to Cancer Screening and Treatment Services. 3<sup>rd</sup> National Cancer Institute Symposium on Cancer Health Disparities. Virtual. 2021 May.
55. Cancer screening in rural America: access, uptake and infrastructure. University of North Carolina Rural Health Seminar Series. Virtual. 2021 May.

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## SELECTED MEDIA COVERAGE

1. Study Associate Media Coverage and Internet Search Activity with Increased HPV Vaccine Adverse Events Reportage. 2013 Nov. 25. Bio News Texas. Available at: <http://bionews-tx.com/news/2013/11/25/study-associates-media-coverage-and-internet-search-activity-with-increased-hpv-vaccine-adverse-events-reportage/>

2. Media Coverage of HPV Vaccine Boosts Reports of Adverse Effects. 2013 Nov. 19. Health Behavior News Service. Available at: <http://www.cfah.org/hbns/2013/media-coverage-of-hpv-vaccine-boosts-reports-of-adverse-effects>
3. Surgeon influence on use of needle biopsy in patients with breast cancer: a national Medicare study.” 2014 June 9. Journal of Clinical Oncology Podcast. Available at: <http://jco.ascopubs.org/content/early/2014/06/09/JCO.2013.52.8257/suppl/DC1>.
4. Needle biopsy underused in patients with breast cancer. 2014 June 9. Health Day News. Available at: <http://www.doctorslounge.com/index.php/news/pb/47335>.
5. Surgeon characteristics explain less-than-ideal rates of needle biopsy. 2014 June 9. ASCO Connection. Available at: <http://connection.asco.org/Magazine/Article/id/3902/Surgeon-Characteristics-Explain-LessthanIdeal-Rates-of-Needle-Biopsy.aspx>.
6. Needle biopsies may be underused for breast cancer patients. 2014 June 13. Reuters. Available at: <http://www.reuters.com/article/2014/06/13/us-breast-cancer-diagnosis-surgery-idUSKBN0EO1Z020140613>
7. Seeking quality care, everywhere. 2014 July 1. UofSC Today. Available at: [http://www.sc.edu/uofsc/posts/2014/07\\_jan\\_eberth\\_needle\\_biopsy.php#.V5ZHxqLK6PU](http://www.sc.edu/uofsc/posts/2014/07_jan_eberth_needle_biopsy.php#.V5ZHxqLK6PU).
8. Needle biopsy found to be underused for breast cancer. 2014 July 25. Oncology Times. Available at: [http://journals.lww.com/oncology-times/Fulltext/2014/07250/Needle\\_Biopsy\\_Found\\_to\\_be\\_Underused\\_for\\_Breast.1.aspx](http://journals.lww.com/oncology-times/Fulltext/2014/07250/Needle_Biopsy_Found_to_be_Underused_for_Breast.1.aspx)
9. Many states don't have adequate LDCT screening. 2014 September 5. Available at: <http://www.diagnosticimaging.com/low-dose/many-states-dont-have-adequate-ldct-screening>.
10. Geographic analysis reveals gaps in LDCT lung screening access. 2014 September 8. Available at: <http://www.healthimaging.com/topics/oncology-imaging/geographic-analysis-reveals-gaps-ldct-lung-screening-access>.
11. See Colon Cancer Through My Eyes: Jan Eberth. 2015 May 12. YouTube. Available at: <https://www.youtube.com/watch?v=SdjHBammhM>.
12. USC Professor: New screening benefit can help smokers, former smokers. 2015 May 18. The State Newspaper. Available at: <http://www.thestate.com/opinion/letters-to-the-editor/article21124098.html>
13. Open-access colorectal screening finds more polyps, adenomas. 2015 October 20. Medscape. Available at: <http://www.medscape.com/viewarticle/852950>
14. Lung Cancer: New Screening Guidelines and Reimbursement Protocols. 2016 January 2. Available at: <http://medicalresearch.com/cancer--oncology/lung-cancer/lung-cancer-new-screening-guidelines-and-reimbursement-protocols/20278/>
15. Research across the continuum: cancer from bench to bedside. 2016 March. Research!America Congressional Briefing.
16. Accelerating health equity by eliminating cancer disparities. 2016 April 11. ACS CAN Blog. Available at: <http://www.acscan.org/content/cancer-candor/guest-post-accelerating-health-equity-by-eliminating-cancer-disparities/>
17. Family doctors don't always screen smokers for lung cancer. 2016 June 14. Reuters. Available at: <http://www.reuters.com/article/us-health-lungcancer-screening-idUSKCN0Z01ZK>. \* Reposted by Yahoo, Fox News, and The Globe and Mail
18. Referrals for lung cancer CT imaging screening remain low among family physicians. 2016 June 13. Oncology Nurse Advisor. Available at:

- <http://www.oncologynurseadvisor.com/lung-cancer/referrals-for-lung-cancer-ct-imaging-screening-remain-low/article/502776/>.
19. Many family physicians may be misinformed about lung cancer screening. 2016 June 15. The ASCO Post. Available at: <http://www.ascopost.com/News/41666>.
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## TEACHING

### *Courses taught*

1. EPID 410: Principles of Epidemiology (3 credit hours). University of South Carolina, Department of Epidemiology and Biostatistics.
2. EPID 845. Doctoral Seminar (1 credit hour). University of South Carolina. Department of Epidemiology and Biostatistics.
3. EPID 767/867. Geographic Information Systems for Public Health Infrastructure (1 credit hour independent study). University of South Carolina. Department of Epidemiology and Biostatistics
4. EPID 794/767/867. Geographic Information Systems and Public Health Applications (3 credit hours). University of South Carolina. Department of Epidemiology and Biostatistics.
5. EXSC 499. The SC Colon Cancer Prevention Network: Coordination of Patient Electronic Medical Record Data (1 credit hour research practicum). University of South Carolina. Department of Exercise Science.

6. SCHC 499. Honors College Senior Thesis/Project (3 credit hours). University of South Carolina.
7. EPID 799. Thesis Preparation (1-3 credit hours). University of South Carolina. Department of Epidemiology and Biostatistics.
8. EPID 899. Dissertation Preparation (1-6 credit hours). University of South Carolina. Department of Epidemiology and Biostatistics.
9. SCHC 392. Honors College Proseminar (1 credit hour independent study). University of South Carolina.

### *Guest lectures*

1. Correlates of breast cancer screening among American Indian and Alaska Native women: results from the 2003 California Health Interview Survey. Lecture for Epidemiology Doctoral Seminar. University of Texas School of Public at Houston. 2007 Nov.
2. Evaluating screening tools and measures. Lecture for Introduction to Epidemiology Course. Clemson University. 2010 Apr.
3. Making the transition from postdoc to faculty. Lecture for Behavioral Science Seminar. The University of Houston School of Public Health at Houston. 2012 Oct.
4. Cancer epidemiology: a spatial perspective. Lecture for Cancer Epidemiology, EPID 741. University of South Carolina. 2013 Mar.
5. Social epidemiology. Lecture for Introduction to Epidemiology Course, EPID 410. University of South Carolina. 2014-2017 annually.
6. Role of space in predicting health behaviors and outcomes. Lecture for Seminar in Epidemiology, EPID 745. University of South Carolina. 2014 Nov.
7. Population impact and priorities for lung cancer screening. Lecture for Cancer Epidemiology Course, EPID 741. University of South Carolina. 2015 Apr.
8. A dissemination project to advance lung cancer screening in South Carolina. Lecture for Exercise Science Seminar, EXSC 783. University of South Carolina. 2015 Apr.
9. Trends in colonoscopy capacity and utilization: research and policy approaches. Lecture for Health Services Policy & Management Doctoral Seminar, HSPM 800. University of South Carolina. 2016 Feb.
10. Training matters! Lecture for Epidemiologic Methods III. Lecture for Epidemiologic Methods III, EPID 802. University of South Carolina. 2016 Nov.
11. Peer review of epidemiology grant applications. Guided activity for Epidemiologic Methods III, EPID 802. University of South Carolina. 2016 Dec.
12. Low-dose CT is an effective lung cancer screening tool: now what? Lecture for Health Services, Policy and Management Doctoral Seminar, HSPM 800. University of South Carolina. 2017 Jan.
13. Cancer epidemiology: place as a cause. Lecture for Cancer Epidemiology, EPID 746. University of South Carolina. 2017 Feb.
14. Working with multidisciplinary research centers. Lecture for Health Promotion, Education and Behavior Doctoral Seminar, HPEB 704. University of South Carolina. 2017, 2018, 2019 Apr.
15. Using data to mobilize action: a South Carolina case study. Lecture for Cancer Epidemiology, EPID 746. University of South Carolina. 2017 Apr.

16. Methodological and grantsmanship issues related to health services and GIS research. Lecture for Epidemiology Methods III, EPID 802. University of South Carolina. 2017 Oct. and 2019 Feb.
17. Survey data collection: best practices and examples from public health. Lecture for Master's Epidemiology Seminar, EPID 745. University of South Carolina. 2017 Nov.
18. Experiences with the tenure and promotion process. Lecture for Presidential Fellows Professional Development Course, GRAD 801. University of South Carolina. 2018 April.
19. Methods for examining disparities in screening and access to care. Lecture for Topics in Epidemiology: Breast Cancer Disparities, EPID 894. University of South Carolina. 2018 May.
20. Colorectal cancer screening – guidelines, access and outcomes. Lecture for Cancer Epidemiology, EPID 746. University of South Carolina. 2019 March and 2021 March.
21. Lessons learned in community engagement. Panel lecture for Graduate Civic Scholars Program. University of South Carolina. 2019 May.

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## MENTORSHIP/ADVISING

### USC-Columbia (*Reverse Chronological*)

#### *Early Career Faculty*

- Alyssa Clay-Gilmour, PhD, Department of Epidemiology and Biostatistics
- Melinda Merrell, PhD, Rural and Minority Health Research Center
- Peiyin Hung, PhD, Department of Health Services Management and Policy
- Elizabeth Crouch, PhD, Department of Health Services Management and Policy

#### *Postdoctoral Fellows*

- Ebony Toussaint, PhD, 2021-present
- Whitney E. Zahnd, PhD, 2018-2019, (Current Appointment: (Tenure Track) Assistant Professor, University of Iowa)
- Fozia Ajmal, PhD, 2018-2020, (Current Appointment: Adjunct Assistant Professor, University of South Carolina)
- Charity Brenneman, PhD, 2016-2017, (Current Appointment: Veteran's Health Administration)

#### *PhD Students, Committee Chair Appointments*

- Gabriel Benavidez (PhD in Epidemiology, Ongoing); Dissertation Title: TBD; **Primary Mentor for NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32) and Robert Wood Johnson Foundation Health Policy Scholars Program Fellowship**
- Cassie Odahowski (PhD in Epidemiology, Graduated Summer 2019); Dissertation Title: "Identifying geographic disparities in minimally invasive thoracic surgery and high quality surgical treatment among lung cancer patients in the United States"; **Awarded SPARC Dissertation Grant in January 2018; USC Donna and Andrew Sorensen Graduate Student Fellowship in Cancer Research**
- Michele Josey (PhD in Epidemiology, Graduated Summer 2019); Dissertation Title: TBD; **Primary Mentor for NIH Behavioral-Biomedical Interface Program Pre-**

**doctoral Fellowship (T32); USC Donna and Andrew Sorensen Graduate Student Fellowship in Cancer Research**

- Sazid Khan (PhD in Epidemiology, Graduated December 2018); Dissertation Title: “Spatial exploration of access to HIV resources and predicting HIV outbreaks in rural areas across the U.S.”; **Awarded Best Student Paper Prize (for dissertation work) at 2019 American College of Epidemiology Annual Meeting**
- Jennifer Ersek (PhD in Epidemiology, Graduated Dec 2017); Dissertation Title: “Molecular testing and overall survival in non-small cell lung cancer patients”; **Awarded SPARC Dissertation Grant in Spring 2015**

*PhD Students, Committee Member Appointments*

- Qian Huang (PhD in Geography, Ongoing); Dissertation Title: TBD
- Prema Bhattacharjee (PhD in Epidemiology, Ongoing); Dissertation Title: TBD
- Kelsey Day (PhD in Exercise Science, Ongoing); Dissertation Title: TBD; **Secondary Mentor for NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32) and Health GIS Scholars Awardee**
- Sarah Bills (PhD in Psychology, Ongoing); Dissertation Title: TBD; **Secondary Mentor for Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32)**
- Yuan Hong (PhD in Biostatistics, Graduated May 2021); Dissertation Title: Incorporation and measurement of uncertainty in longitudinal and spatial data
- Deborah Hurley (PhD in Epidemiology, Graduated May 2021); Dissertation Title: “Local area influences and geographical variation of oral and pharyngeal cancer in South Carolina”
- Carlene Mayfield (PhD in Epidemiology, Graduated December 2019); Dissertation Title: “Healthcare access and emergency department utilization: an evaluation model using new technology for clinical-community data integration”; **Awarded NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32)**
- Alycia Boutte (PhD in Health Promotion, Education and Behavior, Graduated May 2019); Dissertation Title: “Exploring the Impact of Mental Health and the Nutritional Built Environment on Diet Quality and Pregnancy”; **Awarded NIH Research Supplement to Promote Diversity in Health-Related Research**
- Babatunde Oluwole (PhD in Epidemiology, Graduated May 2019); Dissertation Title: Racial disparities in breast cancer treatment in South Carolina”; **Awarded NIH F99/KOO Predoctoral-to-Postdoctoral Fellowship Grant**
- Peter Georgantopoulos (PhD in Epidemiology, Graduated December 2018); Dissertation Title: “The importance of person and place in predicting prostate cancer incidence and mortality among United States veterans seeking Veteran’s Health Administration Care”
- Jarrod Bullard (PhD in Health Services Policy and Management, Graduated August 2017); Dissertation Title: “Racism across the American South: the relationship between racism, rurality and black mortality”
- Meng-Han Tsai (PhD in Health Services Policy and Management, Graduated May 2016); Dissertation Title: “Frequency of colonoscopy surveillance in average-risk adults relative to guideline recommendations”

- Yu-Hsiu Lin (PhD in Health Services Policy and Management, Graduated December 2015); Dissertation Title: “Community level factors associated with health-related quality of life among older adults”

***Master’s Students, Committee Chair/Practicum Appointments***

- Sarah Grace Turner (MSPH in Epidemiology, Graduated Summer 2019); Thesis Title: “Exploring Breast Cancer Care Variation in CoC-Accredited Facilities”
- Lauren (Nikki) Hill (MSPH in Epidemiology, Graduated August 2018); Thesis Title: “Polyp detection during colonoscopy among uninsured patients in South Carolina”
- Charity Breneman, University of South Carolina (MSPH in Epidemiology, Graduated December 2015); Thesis Title: “Spatial Analysis of the Determinants of Emergency Department Utilization among Patients with Diabetes in South Carolina”
- Emily Haanschoten, University of South Carolina (MSPH in Epidemiology, Graduated December 2014); Thesis Title: “Effect of primary care physician density on late stage cervical cancer diagnosis”
- Casey Browder, University of South Carolina (MHA, Graduated May 2014); Practicum Title: “Reducing no-shows and improving processes for McLeod Health’s Mobile Mammography Unit”

***Master’s Students, Committee Member Appointments***

- Samuel Godfrey (MSPH in Epidemiology, Graduated May 2020); Thesis Title: “Associations Between Socioeconomic/Macroeconomic Conditions and County Level Opioid Overdose Rates in Northern New England”
- Samantha Truman (MSPH in Epidemiology, Graduated August 2017); Thesis Title: “The Impact of Autoimmune Disease on Breast Cancer Survival”
- Joshua Sellner (MSPH in Epidemiology, Graduated May 2016); Thesis Title: “Fine Particulate Matter and Inflammatory Bowel Diseases in South Carolina”
- Amanda Thomas (MSPH in Epidemiology, Graduated Aug 2016); Proposed Thesis Title: “Influence of Built Environment on Physical Activity Outcomes Among African-American Women in a Breast Cancer Intervention Study”
- Chisom Onyeuku (MSPH in Epidemiology, Graduated May 2015); Thesis Title: “Physical Activity & Breast Cancer in South Carolina”
- Portavia Featherstone (MSPH in Epidemiology, Graduated May 2015); Thesis Title: “Geographic accessibility of health services and neonatal mortality among very low birthweight infants in South Carolina”

***Student Research Projects***

- Chris Marshall (MD Student, Ongoing); Project Title: “COVID-19 Response in Rural Health Clinics”
- Anja Zgodic (PhD, Biostatistics, Ongoing); Project Title: “Measuring adherence to breast cancer treatment quality metrics in the U.S.” and “Predictors of lung cancer screening in the 2017 Behavioral Risk Factor Surveillance System”; **Awarded Ellis R. Ott Scholarship from the Statistics Division of the American Society for Quality (2021)**

- Radhika Ranganathan (MPH, Epidemiology, Ongoing); Project Title: “SC Rural Environmental Scan”; **Awarded Overall Best Master’s Student Award at UofSC (2021)**
- Gabriel Benavidez (MSPH, Epidemiology, Ongoing); Project Title: “Rural Innovations Project”; **NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32) and Robert Wood Johnson Foundation Health Policy Scholars Program Fellowship**
- Cathryn Murphy (BS, Biochemistry, Completed Spring 2021); Project Title: “Integration of Rural Data and Metrics into State Cancer Control Plans”
- Danielle Johnson (BS, Public Health, Completed Summer 2020); Project Title: “Big Data Health Science Center Geospatial Core Management”
- Kelsey Day (PhD, Exercise Science, Completed Lab Rotation in Spring 2020); Project Title: “Scoping Review on Racial/Ethnic Disparities in Rural Communities”; **NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32)**
- Mohit Chowdhury (PhD, Epidemiology, Completed Fall 2019); Project Title: “Big Data Health Science Center Geospatial Core Management”
- Marie Knoll (MSPH, Epidemiology, Completed May 2020); Project Title: “Rural Innovations Project”
- Songyuan (Kevin) Deng (PhD, Health Services Management and Policy, Completed Fall 2019); Project Title: “SC Rural Cancer Environmental Scan”
- Victor Kirksey (PhD, Health Services Management and Policy, Completed Fall 2019); Project Title: “SC Rural Cancer Environmental Scan”
- Claire Biesecker (BS, Public Health, Completed Summer 2019); Project Titles: “Mapping cervical cancer access and prevention in SC” and “Using bivariate maps for understanding disparities in cancer prevention and control”
- Jessica Lee (BS, Public Health, Completed Summer 2019); Project Title: “Financial toxicity among rural cancer patients in the U.S.”
- Lebron Logan (BS, Geography, Completed 2018); Project Title: “Lung cancer screening availability in the US, 2017”
- Sarah Bills (PhD, Psychology, Completed Lab Rotation in 2018); Project Title: “Leveraging mammography to increase awareness of lung cancer screening”; **Awarded NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32)**
- Sarah Grace Turner (MSPH, Epidemiology, Completed 2018); Project Title: “Leveraging mammography to increase awareness of lung cancer screening”
- Pariza Bozorgi (PhD, Environmental Science, Completed 2017); Project Title: “Locations of lung cancer screening centers in the U.S.”
- Lauren Blew (BS, Nursing, Completed 2016); Project Title: ProjectLUNG
- Deborah Warden (PhD, Nursing, Completed 2016); Project Title: ProjectLUNG
- Chelsea Larsen (PhD, Exercise Science, Completed BBIP Lab Rotation 2016); Project Title: “Geocoding U.S. mammography facility data, 2014-2015”; **NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32)**
- Sarah Powell (BS, Public Health, Graduated May 2015); Project Title: “A Geospatial and Qualitative Examination of USC’s Tobacco-Free Campus Policy”; **Granted \$3,000 Magellan Undergraduate Research Grant** to conduct an observational study of smoking on the USC campus; **Awarded 1<sup>st</sup> place poster at USC’s 2016 Discovery Day)**

- Tushar Trivedi (PhD, Epidemiology, Completed Project 2015): Project Title: “Urban-rural patterns of colonoscopy utilization”
- Nancy Gallant (PhD in Epidemiology, Completed Project 2015); Project Title: “Association Between Being Up-To-Date on Colorectal Cancer Screening and Diabetes, 2012 BRFSS”; **Granted \$5,000 recruitment scholarship by the USC Center for Colon Cancer Research** to conduct clinical/translational research in the area of diabetes and colorectal cancer risk
- Marsha Samson (PhD, Epidemiology, Graduated Dec 2015); Project Title: “SCCA Breast & Female Cancer Report: Breast Cancer Statistics in SC” **NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32)**
- Bryttin Boyde (BS, Anthropology/Biochemistry & Molecular Biology; USC Honors College, Graduated May 2015); Project Title: “Measuring spatial accessibility to endoscopy for colorectal cancer screening in SC using novel GIS approaches”; **Granted \$1,500 Exploration Scholars Research Program Award** to conduct a study examining the supply and demand for endoscopy in SC over time; Awarded 1<sup>st</sup> place poster at USC’s 2015 Discovery Day
- John Odom (BS, Public Health, Graduated May 2015); Project Title: “Costs, Risks and Benefits of Low-Dose CT for Lung Cancer Screening”; **Granted \$3,000 Magellan Undergraduate Research Grant** to conduct a qualitative study of Medicare beneficiaries’ awareness and perceptions of lung cancer screening coverage
- Ashley Gregoire (BS, Public Health, Graduated May 2015); Project Title: “SCCCPN: Coordination of Patient Electronic Medical Record Data”; Research intern at the Center for Colon Cancer Research at USC
- Sarah Baker (BS, Public Health, Graduated May 2015) Project Title: “SCCCPN: Coordination of Patient Electronic Medical Record Data”; Research intern at the Center for Colon Cancer Research at USC
- Jacob Legrone (BS, Public Health, Graduated May 2015); Project Title: “Geographic information systems for public health infrastructure”
- Rebecca Qiu (BS in Nursing, Graduated May 2014); Project Title: “Adoption of Low-Dose Computed Tomography for Lung Cancer Screening: A Mixed-Methods Study”; **Granted \$1,500 Magellan Undergraduate Research Grant** to conduct a mixed-methods study of lung cancer screening adoption among health systems

### Other universities

#### *PhD Students, Committee Member Appointments*

- Jee Yoen Kim, Medical University of South Carolina (PhD in Biostatistics, Ongoing)
- Jenna Khan, University of Illinois-Chicago (PhD in Epidemiology, Graduated December 2018); Dissertation Title: “The application of geographic analyses to assess disparities in access to breast cancer care in Chicago”
- Georgiana Onicescu, Medical University of South Carolina (PhD in Biostatistics, Graduated May 2015); Dissertation Title: “Advances in geospatial survival modeling for small area cancer data”

#### *Undergraduate Research Projects*

- Chesni Cobb, Claflin University (BS, Biology, Completed Summer 2019 and Summer 2020); Project Title: “Rural Cancer Environmental Scan”
- Shacoria Anderson, Georgetown University (BS, Human Science, Completed Summer 2017 and Summer 2019); Project Titles: “Development lung cancer screening small media campaign materials for the South Carolina Cancer Alliance” and “Lung cancer screening implementation strategies: a survey of screening programs”
- Madison Walter, Wofford College (BS, Anthropology, Completed Project 2014); Project Title: “A descriptive analysis of the state of breast cancer in South Carolina”

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## SERVICE AND CONSULTING

### Paid Consulting

- *CDC/National Network of Public Health Institutes*; Project: Feasibility of Creating Small Area Estimates of Childhood Mental Health Outcomes using the National Survey of Children’s Health (2019-2021)
- *CDC/Association of State and Territorial Health Officers*; Project: Breast Cancer Learning Community Consultant (2015-2017)

### Institutional Service

- USC Arnold School of Public Health Online MPH Advisory Committee (Spring 2021)
- USC Department of Epidemiology and Biostatistics Handbook Revision Committee (Fall 2020)
- USC SC-ADAR Program Mentor (Summer 2019 and 2020)
- USC Carolina Scholar Mentor (Fall 2019- Spring 2020)
- USC Center for Colon Cancer Research Steering Committee (Fall 2018-Present)
- USC Move-In Crew Volunteer (Fall 2018)
- USC Arnold School of Public Health Research Advisory Committee (Fall 2018-Present)
- USC Graduate Civic Scholars Program Grant Reviewer (Spring 2018)
- USC College of Nursing Research & Scholarship Day, Mentor Award Judge (Spring 2018)
- USC Department of Epidemiology and Biostatistics Exam Committee Chair-Elect (Fall 2017-Fall 2018) and Chair (Fall 2018-Fall 2019)
- James E. Clyburn Health Disparities Lecture Committee (USC, Fall 2017-Present)
  - James E. Clyburn Awards Committee Chair (2019)
- USC Department of Health Services Policy and Management Faculty Search Committee (Fall 2017)
- USC Department of Epidemiology and Biostatistics Research Committee (USC, Fall 2016-Present)
- Moore Cindy Babb Excellence in Rural Health Endowed Fellowship Selection Committee, USC Arnold School of Public Health (Fall 2016-2018)
- USC Department of Epidemiology and Biostatistics Mission, Vision and Values Committee (Fall 2016)
- James E. Clyburn Health Disparities Lecture Abstract Reviewer (Spring 2016)

- Medical Quality Advisory Committee for the South Carolina Cancer Prevention Network at USC (Spring 2015-Present)
- USC Strategic Planning Committee on Mission, Vision and Values (Fall 2015)
- USC ASPIRE Grant Reviewer (USC Office of the Vice President of Research, Spring 2015, Spring 2019)
- Carolina Judicial Council for the Office of Academic Integrity at USC (Fall 2014-2018)
- SC Cancer Prevention and Control Program Communications Committee Chair (USC, Spring 2015-Fall 2015)
- USC Magellan Scholar Undergraduate Research Grant Ad-Hoc Reviewer (Spring 2014, Fall 2016)
- USC SPARC Graduate Fellowship Reviewer (Fall 2013)
- USC Department of Epidemiology and Biostatistics Faculty Search Committee (Fall 2013, Spring 2016, Fall 2016, Fall 2019)
- SC Cancer Prevention and Control Program 10<sup>th</sup> Anniversary Event Planning Committee (USC; Spring 2013)
- USC Division of Epidemiology Admissions Committee (Spring 2013 - Spring 2017; Spring 2018)
- Leading Mentor in Cancer Prevention Review Committee (MD Anderson Cancer Center; Fall 2011)

**Professional and Community Service Activities**

- American College of Radiology Lung Cancer Screening Improvement Collaborative Advisory Committee (2021-Present)
- Go2 Foundation for Lung Cancer Scientific Advisory Board Member (2021-Present)
- National Lung Cancer Roundtable Provider Outreach and Education Task Group Co-Chair (2019-Present)
- American College of Radiology Lung Cancer Screening 2.0 Steering Committee Member (2018-Present)
- Colorectal Cancer Screening Program in SC Advisory Board Member (2018, 2019)
- NIH-NCI Ad-Hoc/Special Emphasis Panel Grant Reviewer (2018, 2019)
- NIH F31/F32 Fellowships Grant Reviewer (2019)
- American Cancer Society Congressional Action Network Member, Congressional District 6 (Summer 2016 – Present)
  - District 6 Lead Ambassador (2016-2018)
  - Health Policy Forum, Moderator (2019, 2020)
- American Cancer Society Cancer Action Network Day at the State House (Spring 2016)
- “Shine a Light” Lung Cancer Awareness Month event in partnership with the Lung Cancer Alliance (Fall 2015)
- *Prevent Cancer Foundation* Community Grants Reviewer (Spring 2015)
- SC Behavioral Risk Factor Surveillance System Advisory Committee (Fall 2013-Present)
- South Carolina Cancer Alliance Member (2013-Present)
  - Chair, Lung Cancer Workgroup (2016-Present)
  - Co-Chair, Breast and Female Cancers Workgroup (2013-2016)
  - State Cancer Plan Reviewer (2014, 2016)
  - Lung Cancer Evidence Academy Planning Committee (2016)

- Public Health Boy Scout Merit Badge Teacher (University of Houston, 2011)
- American College of Epidemiology (2007- Present)
  - Associate Member (2007-2012)
  - Member (2013-2017)
  - Fellow (2018-Present)
  - ACE Board of Directors, Fellow Representative (Fall 2018-2021)
  - Associate Director on the ACE Board of Directors (2008-2010)
  - Communications Committee, Vice-Chair (2010-2013), Chair (2013-2016)
  - Career Mentoring Committee, Board Liaison (2018-2020)
  - President-Elect (2020-2021), President (2021-present)
- American Public Health Association Member (Occasional)
  - Abstract Reviewer (2011)
- Texas A&M Health Science Center Epidemiology Student Organization Member (2005-2006)
  - Vice President (2005-2006)

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## **EDITORIAL AND REVIEW ACTIVITIES**

### ***Editorial Boards***

Editorial Board Member, Journal of Rural Health (2020-Present)

Associate Editor, Annals of Epidemiology (2014-2020; Special Issue Guest Editor x 2)

### ***Journal Reviewer***

Women's Health Issues

Psycho-Oncology

Annals of Epidemiology

Cancer Causes & Control

Health & Place

Journal of Adolescent Health

Epidemiology & Infection

Social Science & Medicine

Cancer

American Journal of Epidemiology

Spatial and Spatio-temporal Epidemiology

American Journal of Public Health

Journal of Adolescent and Young Adult Oncology

BMC Cancer

Journal of Healthcare Quality

American Journal of Preventive Medicine

Maternal and Child Health Journal

The Journal of Rural Health

Preventing Chronic Disease

Health Promotion Practice

Cancer Epidemiology, Biomarkers, and Prevention

Frontiers in Medicine

Journal of the American College of Radiology

Healthcare: The Journal of Delivery Science and Innovation  
BMC Health Services Research  
Health Affairs  
PLoS One  
Health Expectations  
CHEST  
Lung Cancer  
Journal of the National Cancer Institute

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## HONORS AND AWARDS

- Outstanding Researcher of the Year Award, National Rural Health Association (2020)
- Jacquelyn Jestine Sanders Foundation Healthcare Excellence Award Nominee (2020)
- Exceptional Reviewer Designation, Journal of Rural Health (2019, 2020)
- “Breakthrough Star” Award, University of South Carolina Office of the Vice President for Research (Fall 2016)
- Top ranked abstract at the 2016 *Dialogue for Action* meeting in Baltimore, MD
- James A. Keith Arnold School of Public Health Teaching Award Finalist, University of South Carolina Arnold School of Public Health (Spring 2019)
- Early Career Reviewer Program Participant, Center for Scientific Review, NIH (Fall 2015-Present)
- National Rural Health Association Rural Health Fellowship Recipient (Fall 2015- Fall 2016)
- Awarded American Cancer Society Mentored Research Scholar Grant (2016-Present)
- Two posters chosen as featured works for the North American Primary Care Research Group Annual Meeting in Cancun, Mexico (2015)
- Recognized reviewer of the *American Journal of Preventive Medicine* (2014)
- Poster chosen as a featured work for the American College of Epidemiology Meeting in Silver Spring, MD (2014)
- Honorable Mention for Women’s Health Issues article, “Human papillomavirus vaccine coverage among females aged 11 to 17 in Texas counties: an application of multilevel, small area estimation” (2013)
- Top 10 Associate Member abstracts at the American College of Epidemiology Meeting (2012)
- NIH Health Disparities Loan Repayment Program Recipient (2012-Present)
- Awarded a National Cancer Institute Cancer Prevention Training Program, Post-doctoral Fellowship (2011-Present)
- Awarded a National Cancer Institute Cancer Education Career Development Program, Pre-Doctoral Fellowship (2007-2011)
- Delta Omega Honor Society Member, Alpha Tau Chapter (2009)
- James Emerson Teaching Assistant of the Year Nominee, University of Texas Health Science Center at Houston (2007)
- Outstanding New Student Scholarship, University of Texas Health Science Center at Houston (2007)
- Health Resources and Services Administration Epidemiology Traineeship Recipient, Texas A&M Health Science Center (2005)

- Eta Sigma Gamma: National Health Education Society (2004-2005)
  - Certificate of Academic Excellence, Clemson University (2004)
  - Lt. Miles R. Hunter Scholarship Recipient, Clemson University (2004)
  - Golden Key International Honor Society (2004-Present)
  - Full Academic Scholarship, North Greenville College (2000)
  - Dean's List Recognition & SC Life Scholarship Recipient (2000-2004)
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